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STAFF ORGANIZATION AND PROCEDURES. PART III. TEST DATA. SECTION I

Donald D. Durr, et al

Modern Army Selected Systems Test, Evaluation, and Review Fort Hood, Texas

10 May 1974

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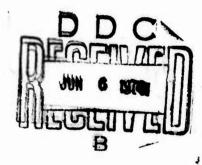
STAFF ORGANIZATION AND PROCEDURES
PART III-TEST DATA

HEADQUARTERS, MASSTER

FORT HOOD, TEXAS 76544

10 MAY 1974

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STAFF ORGANIZATION AND PROCEDURES MASSTER Test FM 119

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STAFF ORGANIZATION AND PROCEDURES MASSTER Test No FM 119

PART III - TEST DATA

CHAPTER I - DATA DESCRIPTION

Section I - INTRODUCTION

I-I. General.

- a. The quantitative data collected during the conduct of test FM II9 is presented, in chapter 2, part III of this report. The data is organized into the following I4 data sections: division level data, division GI, G2, G3, and G4 data, tactical command post data, alternate command post data, division artillery data, division support command data, brigade, battalion, and communications data, electronic warfare cryptologic officer (EWCO) data, and TAC SOP data.
- b. The type of data presented in section I, chapter 2 is that which is most applicable to the evaluation of the intra-command post or intra-sectional activities of the fielded organizations. Specific type data contained in this section is major staff outputs (quantity, quality, preparation times, requests for clarification), traceable events (recognition time, reaction time, display update times), and display accuracy ratings.
- c. Sections II-XI, excluding section VI, of chapter 2 contain data addressing the following topics: personnel; equipment; functions and procedures; files; reports; organizational structure and physical relationships; communications; effect of displacement; effect of destruction; effect of TAC CP deployment; effect of the alternate CP; effect of shifting control; scenario, control, and training; information flow; and adequacy of personnel and equipment.
- d. Section XII contains communications data on the use of FM and AM voice radio nets, use of teletypewriter circuits (RATT and TTY), and tabular data on G2 sole-user telephone circuits. Section XIII pertains to the EWCO and section XIV contains data pertinent to the SOP.
- I-2. Logic Diagrams. To facilitate the use of the data contained in this report, a general concept as to the method used to correlate the various types of data is necessary. A series of logic diagrams are

shown in figures I-I and I-2 which should assist in understanding the development of the element and section subfindings presented in part II of the test report.

- 1-3. Questionnaires. A variety of questionnaires were used to collect the information required to satisfy the test objectives and information needs. There were eight principle types of questionnaires, each designed to provide a particular type of information.
- a. The player daily questionnaire number I (PDQ-I) was provided to personnel of the tested units as indicated in the player questionnaire completion schedule in section I, chapter 2. The primary purpose of this questionnaire was to collect detailed quantitative data concerning functions, files, reports, and usage factors on all means of communication.
- b. The player daily questionnaire number 2 (PDQ-2) was oriented toward the element OIC's and NCOIC's and was primarily used to acquire the element level viewpoint of its effectiveness, adequacy of personnel and equipment, effects of displacement and destruction of the Div Main CP, deployment of the tactical CP, establishment of the alternate CP, and the shifting of control within the division.
- c. To provide a balance to the player responses in the PDQ-2 questionnaire, a category II evaluator daily questionnaire (IID) was used. The category II evaluator observed the activities of not more than two elements and his daily questionnaire addressed the same areas as the PDQ-2 and detailed aspects of element performance and intraelement coordination. Much of this questionnaire was in narrative form and allowed for a record of observations on all aspects of the test.
- d. To provide a higher level view of performance and the effects of displacement and destruction, the category I evaluator daily questionnaire (ID) was used. This questionnaire was oriented to record these indicators as seen from the command group and coordinating staff level.
- e. The category III evaluator questionnaires (CAT III DI, D2, D3) were used to collect work space data and detailed map and chart data. The D2 provided space for sketches of the interiors of vans or other work areas used by each element of the fielded units. The D1 and D3 questionnaires were used to determine accuracy and completeness of selected maps and charts in addition to providing posting and usage data on all visual displays.
- f. The player end of test questionnaire (PEQ) provided the memmers of fielded units an opportunity to address in detail all aspects of the test.

MAJUK STAFF UUTPUTS		-
Quantity (P,E) Quality (E) Preparation Time (E) Clarification Request (E)	Major Outputs	
TRACEABLE EVENTS (TE'S)		
Recognition Time (E,C) Reaction Time (E,C) Processing Time (E,C)	TE'S	Info Mgmt
DISPLAY ACCURACY AND UPDATE DELAY		
Accuracy, FRESIT Maps (E,C) Accuracy, ENSIT Maps (E,C) Accuracy, Charts (E,C)	Accuracy	
Update Delay Maps (E) Update Delay Charts (E)	Update	
		'

Source

E - Evaluator

P - Player

C - Control

Figure 1-1. Division level information management, logic diagram.

PERSONNEL Present for Duty (E) Missing (E) Excess (E) **Personnel EQUIPMENT** Available (E) Missing (E) Equipment Excess (E) FUNCTIONS AND PROCEDURES (F&P) F&P Listed (P) F&P Unlisted (P) Available Absent (P) Time Idle (P) F&P OFM Required (P,E) OFM Used (P,E) **OFM** OFM Adequacy (P,E) Changes required in OFM (P,E) **FILES** Files Used (P) Files Required (P,E) Files Usage Time (P) (A11) Maintenance Time (P) **Files** Displays Used (E) Personnel Who Used Displays (E) Files Displays Posted (E) (Visual) Personnel Who Post Displays (E)

Source

E - Evaluator

P - Player

C - Control

Figure 1-2. Element and section analysis logic diagram.

REPORTS Reports Prepared (P) Preparation Time (P) Reports Reports Required (P,E) ORGANIZATIONAL STRUCTURE AND PHYSICAL RELATIONSHIPS Detailed Interior Drawings (E) CP Sketches (E) **Organizational** Adequacy of Physical Layout (P,E) Structure and Adequacy of Organizational **Physical** Structure (P,E) Relationships COMMUNICATIONS Calls Made (P) No. Clarifications (P) FM, AM Calls Received (P) Voice, Tel No. Clarifications (P) RATT Msgs Sent (P) No. Clarifications (P) RATT Communications RATT Msgs Received (P) No. Clarifications (P) Adequacy, Organic Commo (P,E) Adequacy, Supporting Commo (P,E) Adequacy Adequacy, Additional Commo (P,E) Early Warning, Disseminate (P,E) Early Warning, Receive (P,E) Early

Figure 1-2 (Cont). Element and section analysis Diagram.

Warning

Early Warning, Difficulty (P,E)

EFFECT OF DISPLACEMENT* Tear Down Time (P) Wait Time (P) Displacement Setup (Operational) Time (P) Time Setup (Complete) Time (P) Info Timeliness (P) Info Info Completeness (P) Adequacy Effect of Calls Made (P) Displacement Calls Received (P) Commo Commo Adequacy (P) Commo Service Rating (E) Departures from OFM (P,E) Adequacy of Personnel (P,E) and Equipment **OFM** Effectiveness (P,E) EFFECTS OF DESTRUCTION* Adequacy of OFM (P.E) Departures from OFM (P,E) Procedure Effect of Clarity of SOP (P,E) Destruction Workload (P,E) Effectiveness (P.E) **Effectiveness** Commo Service Ratings (E) EFFECT OF TAC CP DEPLOYMENT* Pers at TAC CP (P) Chgs Needed (P,E) Manning & Equip at TAC CP (P) Equip Evaluation Chgs Needed (P,E) Effect of TAC CP Deployment Affected by TAC CP (P,E) Functions and Procedures Side Effects Changed (P,E) Commo Service Rating (E)

Figure 1-2 (cont). Element and section analysis diagram.

^{*}Indicates topics summarized at section level.

EFFECT OF ALTERNATE CP*

Control at Alt:
Alt Update Main (P,E)
Main Update Alt (P,E)
Responsiveness of Alt (P)
Accuracy of Alt Info (P)
Freq of Alt Queries (P)

Effect of Alternate CP

EFFECT OF SHIFTING CONTROL*

Control from TAC CP
to Main, Difficult (P)
Control from Alt CP to Main,
Difficult (P,E)
Control from TAC CP to
Alt, Difficult (P,E)

Effect of Shifting Control

SCENARIO, CONTROL AND TRAINING

Unrealistic Constraints (P,E,C) Constraints Affect Data (P,E,C)

Scenario

Additional Tng Required (P,E,C) Excessive Guidance Given (E) Excessive Guidance Received (E) Quality of Personnel (P,C) Shift Change Briefing (P)

Control and Training Scenario, Control & Training

INFORMATION FLOW

Orders, Direction, Guidance, to and from (P)

Info and Recommendations,
 to and from (P)

Rating - Internal Coord (E)

Rating - External Coord (E) Rating - Guidance Given (E)

Rating - Supervision (E)

Functional Relationships

Info Flow

Rating, info adequacy (P,E)
*Adequacy Intel Spt (P,E)

*Intel Spt Better or Worse (P,E)

Pating Info Polovanov (P,E)

Rating, Info Relevancy (P,E) Rating, Info Timeliness (P,E) Rating, Accuracy (P,E)

Difficulty in Obtaining (P,E) Info Completeness (E)

Characteristics

Info

Figure 1-2 (cont). Element and section analysis Togic diagram.

ADEQUACY OF PERSONNEL AND EQUIPMENT*

Activity Level (P,E)
Scenario Density (C)
Strength, Weaknesses (P,E)
Effectiveness, Normal Ops (P,E)

Personnel, Add (P,E)
Personnel, Delete (P,E)

Equip, Add (P,E)
Equipment, Delete (P,E)

Equipment

Equipment

Equipment

Figure 1-2 (Cont). Element and section analysis logic diagram.

g. The evaluator enc-of-test (IR, IIR) report questionnaires provided a detailed summary of all test activities from both the section and element levels.

Section II - METHODOLOGY

I-4. General.

a. Selected major staff outputs were evaluated by the category I evaluators. Each category I evaluator collected and evaluated each major output for quality and completeness of information contained in that output. The rating scheme shown in figure 1-3 was used to evaluate staff outputs. Section I, chapter 2, contains frequency distributions of ratings for each type output and a mean rating for each item on each output checklist. A sample of this type data is in figure 1-4. An overall rating for each type output from the battation, brigade, DISCOM, division artillery, and the main command post, along with a consolidated listing of all outputs by type, is presented.

Rating	Explanatio n
1	Output is completely intelligible and correct, and is in consonance with existing tactical/logistical conditions; permits proper action by addressee.
2	Output contains sufficient amount of correct information to permit proper action by addressee; reflects minor misinterpretations of tactical/logistical conditions.
3	Output requires degree of interpretation permitting doubt about propriety of action.
4	Output requires sender to be queried prior to initiating action; action appears in direct conflict with known existing conditions.
5	Output contains erroneous information that would lead to incorrect action or required entry omitted.

Figure 1-3. Rating scheme for staff outputs.

b. The preparation times for major reports, plans, orders, and annexes presented in section I, chapter 2, are mean preparation times as reported by the evaluators. The actual work time spent on all reports as reported by the players of the tested units can be found under the topic "reports" in the various other sections of chapter 2.

INTELLIGENCE SUMMARY

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG
Issuing unit	m					1.00
Time and date of issue	2		-			1.66
Enemy ground activity	passes.	2				1.66
Trace of enemy fwd elements		-				2.00
Potential targets for nuclear weapons	_	-				1.50
Nuclear activity						
CBR activity						
Air activity	_					1.00
Other activity (new tactics, counterintelligence, etc)	8	-				1.33
Personnel (KIA)	2					1.8
Prisoners of war						
Equipment destroyed or captured	8			_		2.00
New obstacles & barriers	8					1.00
Administrative activities						
New unit identifications						
7. J.	Flours 1-4	Frequency d	Frequency distribution of	no thung	for the Div Am	

Figure 1-4. Frequency distribution of ratings for the Div Arty intelligence summary (sample).

- c. Traceable events were used to determine the timeliness of information flow throughout the division and subordinate commands. Category I and II evaluators were alerted to observe selected scenario events shown in section I, chapter 2. Times collected from the field locations were entered into an IBM 370-I45 computer to facilitate analysis of the information flow. The data presented in section I, chapter 2, recapitulates the recognition and reaction times with respect to "significant" TE's, section processing times of all TE's, and chart update times at each command post. Also included is an ordered listing of the times collected for each traceable event identified by source. An example of the type questionnaire used is in figure I-5.
- d. Chart data was collected from the unit strength, tactical logistics report, aircraft availability, ammunition status, artillery positions, and combat vehicle status charts. The category III evaluators recorded, at 5-hour intervals, selected information contained on the above charts at each command post. A special category III evaluator collected the same information from the test control element. A manual comparison of the information was made using the test control data as a base to determine the accuracy of player chart data as it changed over each 24-hour period. The resultant accuracies are listed as percentages for each type chart at each measurement time. These individual accuracies, along with an overall accuracy rating for each type chart by command post, are presented in section I, chapter 2.
- e. Map data provides an additional indication of the accuracy and timeliness of the information flowing to and through the units and echelons of the division. Data was collected from representative friendly and enemy situation maps maintained throughout the division and also at control.
- f. Friendly situation map data was collected simultaneously from several locations. The data which was collected from the CPX controlling organization was considered to be ground truth for unit locations. This data was compared with the data collected at the field command post locations of DISCOM, division artillery, division alternate (min and max augmentations), brigade, battalion, and division main.
- (1) The general concept of analysis was to compare designated unit locations as recorded at the field locations to the corresponding unit location as recorded at the control location for each of 28 measurement times. These 28 measurement times are listed in figure 1-6. A graphical description of the test conditions of shifting control, displacements, and destruction of the main and tactical CP's is located in figure 1-7. For each measurement time, the straight line distance between the two reported coordinates of every designated unit was calculated using the formula $C = \sqrt{A^2 + B^2}$, where A is equal to the difference in northing and B is equal to the difference in easting for the two coordinates. The straight line distance for unit coordinates that

Position No. Traceable Event No. Scenario Input Time 山山15 OCT Message Content: Radio Interference Report (MIJI) CE Div G3 Section Bde S3 Bn 53 Control TIME DTG Tl Input time (to your D H H M M 1. section/subsystem) 2. T2 Time relevant data was posted on a display Recognition by action 3. officer li. The Correct action initiated by action officer Sequence # of display in T2 (refer to PDQ-1) ¥6. If your element/section is indicated by asterisk, check here 7. If TE did not arrive this element/section, check here. Indicates element/section which should react for each echelon (Bn, Bde, Div). Figure 1-5. Traceable event questionnaire.

MEASUREMENT NUMBER	DTG	MEASUREMENT NUMBER	DTG
1	121900	22	160230
2	122300	23	160330
3	130530	24	160430
4	130830	25	160530
5	131136	26	160630
6	131430	27	160730
7	131730	28	160830
8	132030		
9	132330		
10	140730		
11	141230		
12	141530		
13	141830		
14	142130		
15	150100		
16	150630		
17	150930		
18	151230		
19	151530		
20	151830		
21	152130		

Figure I-6. Measurement times.

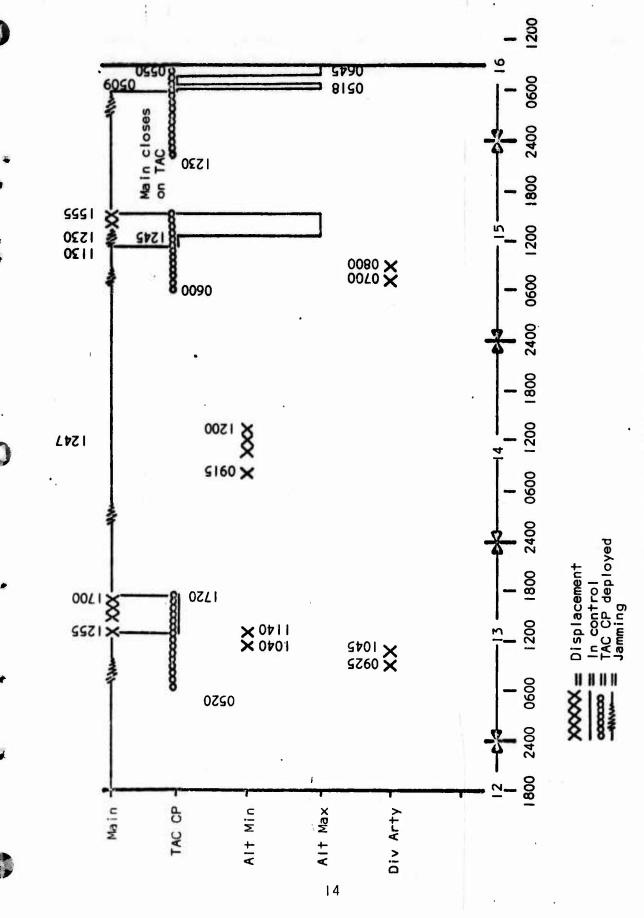


Figure 1-7. CONOPS conditions.

were less than or equal to 1,500 meters was considered to be correct. The 1,500-meter criteria includes a 500-meter mean deployment area for the brigade, battalion, and company CP's, and a 1-kilometer (km) error in map and/or overlay posting done in the field and at test control. An example of the percentage of correctly reported unit locations for each measurement time is located in figure 1-8.

- (2) To assure compensation for the time delay experienced in the normal flow of information through the divisional organization and account for the oscillatory effects of tactical operations on information flow, it was necessary to compare field data taken at one measurement, measurement time 3 for example, with the control data taken at the same and two previous measurement times, e.g., measurement times 3, 2, and 1. A base rating for each field measurement was established by taking the highest percentage of the three accuracy comparisons described above. This compensates for the time lag in information flow and portrays a picture of the field elements' most accurate knowledge level of friendly unit locations. This rating for each measurement time establishes a base from which a comparison of the accuracy of friendly situation map data can be made for the various test conditions (normal operations, displacement, and destruction of the main CP).
- g. The collection scheme for enemy map data was basically the same as for friendly map data. The primary difference was that the recorded data was located within the areas on the ENS!T map defined by the 1st Brigade forward edge of the battle area forward to a depth of 30 kms at control, Div Arty, main, alternate, and DISCOM; to a depth of 20 kms at brigade; and to a depth of 10 kms at battalion.
- (1) The analysis comparison for accuracy of ENSIT map data used the following techniques. For each measurement time and for each element. the corresponding control collected data was used to define a window through which player data had to pass to qualify for consideration in the comparison. This window was defined by taking from the control collected data the extremes in northing and easting. To each side of the area thus defined, 8 kms was added to complete the definition of the window. This process was completed for each measurement. Each player coordinate was checked to see if it fit through the appropriate window. If it did not, the coordinate was discarded as being out of tolerance. If a coordinate passed through the window, it was then used to calculate the miss distance $C = \sqrt{A^2 + B^2}$ from all the controller reported enemy locations for a given measurement time. If any of the calculated miss distances were less than or equal to 8 kms from a known enemy location, the player coordinate was considered as correct. If the miss distance between the player reported coordinate and all controller reported

	T	
AFTER DEST OF	25 25 75 100	66.67 200 3
DISP OF	50 75	41.67 125 3
NORMAL OPERATIONS	55 50 50 50 50 50 50 50 50 55 55 55 55	48.21 916 19
BASE RATING	55 50 50 50 50 50 50 75 75 75 75 75 75	49.64 1291 25
FOR SUPEMENT NO (t-2)	- 1 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9.78 225 23
RATING FOR		19.79 475 24
0	50 50 100 50 50 50 50 75 75 75	47.64 1191 25
18 (t)		
PLAS PLAS PLAS	- 28420115114511 222222222222222222222222222222	TOTAL N

Accuracy ratings of friendly situation maps - battalion S4 element (Allowable error 1500M) (sauple). Figure 1-8.

coordinates was greater than 8 kms, the coordinate was considered as incorrect. The established criteria of 8 kms was derived from the defense deployment characteristics of aggressor forces as outlined in FM 30-102 and the consideration of human error in map and chart posting. This criteria is explained below. An example of the percentage of correct responses of those player collected coordinates which qualified for each measurement time comparison is portrayed in figure 1-9. For each measurement time, a compensation for time lag in information flow was accomplished in the same manner as in the friendly situation map data analysis.

- (2) To use enemy situation map data to determine display accuracy, the nature of the source of this data must be considered and the tactical characteristics of the enemy forces portrayed must be understood. Information on enemy unit locations is primarily the result of a series of spot reports concerning contact with small enemy units (squad, platoons) as reported from subordinate units as well as information acquired by more sophisticated means. The analytical judgement of the personnel in the S2 and G2 elements translate these reports into a pattern which correlates to a type enemy unit. This total effort results in a probable location of an enemy unit being posted on an ENSIT map. These probable locations reported from the field and exact locations recorded at control require the use of some measurement which will allow for the error in location and at the same time be realistic. A mean deployment box for enemy units was developed. The diagonal of this deployment box was selected as an allowable error and was used to compensate for worst case placement of enemy unit symbology and for ease in computation. Development of this deployment box was based on the deployment characteristics of enemy forces in the defense as shown in figure 1-10.
- (3) Battalion- and regiment-size enemy forces opposing the player division during test II9 were composed of the following: One mechanized regiment consisting of three mechanized battalions and one tank battalion; one tank regiment consisting of three tank battalions. Distances in figure I-IO were used to determine a mean deployment width (W) and a mean deployment depth (D) as shown in figure I-II. An enemy unit could logically be placed anywhere in the deployment rectangle defined by the distance W and D. Using this mean width and depth, the diagonal of the rectangle formed by the distances W and D was calculated using the formula:

$$C = \sqrt{W^2 + \overline{D}^2}$$

$$C = \sqrt{(5.13)^2 + (4.33)^2}$$

$$C = 6.71 \text{ km}$$

An altowable error in posting and reading a map was set at 1.3 km. Therefore, total allowable error was 8.0 km.

AFTER DEST OF				•	.,																				85	82	32	83	84.5	220	occ	4
DURING DISP OF																		ì	وړ	င္ထ									80.50	191	0	2
NORMAL	UPEKAI 10NS													93	96	94	92	87		Ċ	8 6	000	00	۵ ک	3				90.60	500	S .	10
BASE		t	•	1	•	•	•	ı	ı	•	•	ı	1	93	96	94	95	26	9/2	æ :	£ ;	36	20	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ຣິສ	S &	S &	88	87.75	1404	404	16
) O 1	(t-2)	•	•	•	•	•	1	•	•	•	•	•	•	93	06	88	92	8	<u>7</u> 6	S2 (8 2	9 9	2 0	/ S S	6 6	6 8	3 8	38	84,94		1329	76
TING FOR MEASUREMENT	(t-1)	•	•	•	•	•	•	1	•	1	•	•	•	93	06	94	35	87	75	85	\$ ∶	82	æ 6	დ ი	C 0	9 6	2 0	88	85.03	0 10 10 10 10 10 10 10 10 10 10 10 10 10	13/5	16
PAT	(t)	•	s	>	•	i		•	•	•	•	•	•	88	96	94	95	79	72	88	63	100 0	& &	& F	6 8	6 6	C 14	88	84 75	3	1356	אַנ
Lij	Las i		2	m	4	.c	ø	_	· 00	6	2		- 2	13	14	15	16		8 1	19	20	21	22	83	47	C 26	6.5	78	2 4 4 4	N. V.	7-101	2

Figure 1-9. Accuracy ratings of enemy situation map - alternate maximum 62 element (sample).

Type unit	Width ^a (km)	Depth ^a (km)		Width (km)	Depth (km)
Mechanized bn	5-7.5	4	~	6.25	4.0
Mechanized regt	10-15	8-10	\approx	12.5	9.0
Tank bn	2-3	2-4	\approx	2.5	3.0
Tank regt	4-6	4-8	\approx	5.0	6.0

^aFM 30-102, <u>Handbook on Aggressor Military Forces</u>, (tank regt deployment based on tank bn).

Figure 1-10. Deployment of enemy units in the defense.

I mech regt 3 mech bn I tank bn I tank regt 3 tank bn	2.5 5		18.75 2.5 5	$9 \times 1 = 9$ $4 \times 3 = 12$ $3 \times 1 = 3$ $6 \times 1 = 6$ $3 \times 3 = 9$
		9	46.25	9 39
$\overline{W} = 5.13$	km			$\overline{D} = 4.33 \text{ km}$

Figure I-II. Mean deployment width and depth calculations.

1-5. Element/Section Data Description.

a. Sections II through XIV, excluding section XII, of chapter 2 contain data compiled from a variety of questionnaire sources. Each section contains data spreadsheets which are consolidated listings of responses from the player daily I and 2, player end-of-test, category I and II evaluator dailies, and category I and II evaluator report questionnaires. The responses to each question are separated into player responses and evaluator responses. A sample of this type spreadsheet is in figure I-I2. Within the major grouping of player responses, each element level response is recorded to facilitate the element analysis. Similarly, within the evaluator section, the category I and II evaluator responses are shown separately. The "wt pct" column is a weighted percentage developed by averaging the fractional portion of the daily responses with the fractional portion of the end-of-test responses. This average was then converted to a percent type number to permit comparison with the player "pct" number.

	HQ Comd+	ID IR Wt pct	001		001					001		001			00 -
onses	Di v PM	IID IIR Wt pct	001 1	001						<u>-</u>		001			001 -
Evaluator responses	Admin	IID IIR Wt pct	001	001						001		00 -		001	
	Division Gl	ID IR Wt pct	001	001						001		931		001	
	#d#	Pct	<u>8</u>		<u>0</u>					8		001		00	
	HQ Comd+	PEQ	-		_					_		_		_	
	E	Pct	67	8						00		8			001
Sesuc	Div PM	PEQ	2 -	- m						M		M			M
Player responses	c	Pct	100	00						67	33	67	33	001	
Player	Admin	PEQ	3	٨						7	_	2	_	2	
	ion	Pct	001		000					00		00		00	
	Division Gl	PEQ	-		_					-		-		-	
	Possible response		Yes	More	Less	Did not	read OFM	Same	Not required	Yes	₽	Yes	₽	Yes	9
	Ques		7			80				6		0		=	

Figure 1-12. Gl responses to questions under topic 3 - functions and procedures (sample).

- b. A listing of functions and procedures for each element of the fielded units was extracted from the organization and functions manual provided in the test support package for test 119. Additional organization and functions manuals were produced by MASSTER personnel for DISCOM and division artillery. The resultant listing of functions and procedures were placed in the player daily questionnaires. The division personnel responded to the questions by indicating the amount of time spent each day on the specified (listed) procedure. The resultant data was used to calculate a functions work time for each element fielded. For example, FOI is designated a function, POI is designated a procedure, and POIA is designated a subprocedure of procedure 1. If POI = time 1, PO2 = time 2, PO3A = time 3, PO3B = time 4; then, PO3 = time 3 + time 4; and FO1 = time 1 + time 2 + (time 3 + time 4), or, FOI = POI + PO2 + PO3. An example of this type data is presented in figure 1-13. To compensate for the functions normally performed by members of all staff organizations but not listed in the OFM's, additional functions were included coded as F77 and F88. F77 pertains to clerical duties, RATELO duties, and driving duties. F88 pertains to briefings. A sample of this type data is found in figure 1-14.
- c. The work summary presents a time utilization breakout for each element. The total shift time for each element was broken into four distinct categories as shown in figure 1-15. Work summary data is presented in these categories for officers, E5 and above, E4 and below, and a total for each element. In addition, a percentage of the total shift time reported is listed for each distinct category. An example of the work summary data is in figure 1-16.
- d. A listing of files was taken from the organization and functions manuals in the same manner as were functions and procedures. Time data was collected for file usage and file maintenance. A sample of the data in chapter 2 is located in figure 1-17.
- e. Category III evaluators were utilized to provide additional tile data from the fielded elements. The evaluators were used to identify who posted the display (map or chart) and who used the display. A frequency of posting and usage is also presented as a means to identify the primary personnel involved with the various displays.
- f. The listing of reports was taken from annex Z of the division SOP and placed in the PDQ-I questionnaire. An example of resultant reports data is in figure 1-18.
- g. The physical relationships topic in the element/section data presentation contains sketches of the various command posts and the interiors of designated vehicles/tents within the CP. Map and chart

Func and pro	Functions and procedures	Time exp (hours)	dxe (s.	Samp I. (numl	Sample size (number)	Percentage total time	Percentage of total time
number		Func	Subfunc	Func	Subfunc	Func	Subfunc
				DIV Plai	Div Plans and Admin	nfn	
F01	Participates in operations planning by providing tactical intelligence and information for future operations.	14.48		4		35.15	
FOIPOI	Produces the Intelligence annex to the Division Operation Plan and/or Order.		5.16		-		12.52
F01P02	Requests, receives, and distributes special maps and topographical studies needed by the division.		99.0		-		9.1
F01P03	Requests, receives, and distributes special studies required for operational planning.		9,.0		0		. 0.39

Figure 1-13. G2 functions and procedures (listed) (sample).

Func and pro	Functions and procedures	Time exp (hours)	exp -s)	Sample si (number)	Samole size (number)	Percentage (Percentage of total time
nedmun		Func	Subfunc	Func	Subfunc	Func	Subfunc
			DIV F	lans and	Div Plans and Admin (cont)	nt)	
F77P01	Performs clerical services such as typing and filing.		00.9		2		14.56
F77P02	Performs operations activities such as posting maps and charts and preparing overlays.		9.50		ī		23.06
F77P03	Performs communication-related functions such as radiotelephone operator, laying wire, etc.		7.25		-		17.60
F77P04	Performs driver functions to include vehicle maintenance (except during displacement).						
F88	Briefings.	3.97		ø		9.64	74
F88P01	Prepares briefings		3.41		۳		8.28
F88P02	Presents briefings. TOTAL	41.20	0.56		3		7.36

Figure 1-14. G2 functions and procedures (listed) (sample).

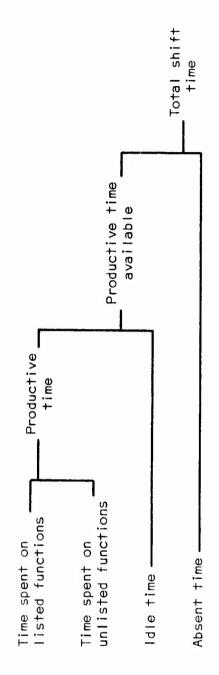


Figure 1-15. Categories of time utilization.

		TIME	Mean	20.00	20.20	15.24	
	-	-	Total	82.00	80.83	91.49	252.32
	t	11111	Neen	21.00	20.95	90.00	29.55
		TIME	Total	84.00 21.00 82.00	83.83 20.95	119.99	287.82
			٠,	2.38	2.38	23.75	:1.29
	ii)	ABSENT TIME	Mesn			4.75	2.32
		ABSEN	Subtotal Mesn	2.00	2.00	28.50	.83 14.00 3.00 0.21 1.04 32.50 2.32 11.29 287.82 29.55
			64	2.38	1.19	0.00	1.04
		· ₩	พวลก	0.50	0.75	0.00	0.27
		. IOLE TIME	Subfotel Magn	.75 22.61 2.00 0.30 2.38 2.00 0.50	.45. 6.95 1.00 0.25 1.19 2.00 0.50	0.00 0.00 28.50 4.75 23.75 119.99 0.00	3.00
10 -1 10 -1		07.5	ઝ વ	22.61	6.95	.58 12.90	14.00
AVAILABLE		FUNCT	Meen	4.75	1.45	2.58	2.83
PRODUCTIVE TIME	i ū	UNLISTED FUNCTIONS	Subtotal Nesn	19.00	5.83	15.49	40.32
FRODUC	PACCUCTIVE TIME	s:	he.	72.61	89.46	53.33	73.65
	PRODUC	LISTED FUNCTIONS	C = 0	5.25	3.75	12.56	5.14
		LISTED	5.55018:		75.03	76.00	272.00
				6 /330	25/40000	MO. 36/12	E:07027

Figure 1-16. Gl element time utilization, PM (sample).

File seq no	Name of file	Total usage time (hours)	Number of times used	Maint time (hours)
			Admin	
1101 1102 1103 1104	Staff Sec Workbook Staff Journal Suspense File Division SOP	38.75	321	10.75
1105 1106 1107	Personnel Daily Summary Report Unit Strength Chart Accident Report	19.25 6.00	33 11	17.25 5.00
1108 1109 1110	Serious Incident Report Policy File Spot Strength Report Straggler Report	1.50 0.25	3	1.50 0.75
1112 1113 1114	internee Strength Report PW Status Chart Discipline, Law, and Order Report	1.25	4	1.00
1115 1116 1117 1118	Awards and Decorations Chart Disciplinary Action Chart Incidents Chart			
1110	Periodic Personnel Report TOTAL	67.00		36.25
			PM	
1201 1202 1203 1204 1205	Staff Journal PW Status Chart Situation Map Police Intelligence Overlay Route Status/Circulation	12.00 2.16 9.50 3.00	74 18 49 30	6.00 1.75 3.50 2.00
1206 1207 1208	Control (Overlay) Vehicle-Radio Status Chart Division SOP Civilian Internee Status	9.00 1.50 1.00	80 12 7	6.00 1.50 -
1209	Chart Platoon Commitment Chart TOTAL	38.16	·	20.75
		DIV	HQ Comdt	- 1
1401 1402	Division SOP File Policy File TOTAL		· 19	

Figure 1-17. SI file data, source - player (sample).

sequence numbers used on the vehicle/tent interior sketches are identified in the "files" topic of the element/section analysis. An example of a CP sketch and legend are located in figures I-19 and I-20.

h. The functional relationship question required the individuals completing the player end-of-test questionnaire (PEQ) to place an 'F', 'S'. or leave blank, in each cell of the question matrix. An 'F' was defined as "frequently" (5 or more occurrences); an 'S' as "seldom" (1 to 4 occurrences), and a blank as "never" (O occurrences) for the events defined by the location of each cell. The PEQ question matrix is shown in figure 1-21. The number of 'F's' were totaled on a consolidated matrix which was then key punched and entered into an IBM 370-145 computer. In order to quantify and aggregate these functional relationships, a numerical value of 6 was then assigned to each of the 'S's' and a value of 3 to each of the 'F's'. An example of the numerical conversion follows: If a cell of the consolidated matrix contained two 'F's' and one 'S', the numerical conversion would be 15 using the formula $(6 \times \#F^{\dagger}s) + (3 \times \#S^{\dagger}s)$; thus, $(6 \times 2) + (3 \times 1) = (12) + (3) =$ 15. Ten selected rows of the PEQ matrix were then combined to four rows thereby grouping closely related functions for each fielded element. The combined rows were A, D, E (provides orders, direction, and guidance to); B, C, F (receives orders, direction and guidance from); G. I (provides information and recommendations to); and H, J (receives information and recommendations from). Appropriate columns of the PEO matrix were combined to facilitate the presentation of element relationships with other elements consistent with the fielded division organizational structure. The command group is a consolidation of the matrix columns for the CG, ADC(S), ADC(M), and CofS. For brigade, battalion, division artillery, and DISCOM, the command group column is a consolidation of the matrix columns for the commander and the XO. This final form of the matrix was then used for presentation of the data. Under each type interaction between elements, a section total was obtained and this total was used to determine a percentage to represent each elements' share for each type interaction. The data as presented further defines the interaction which took place between the element and the personnel listed. An example of this data is presented in figure 1-22.

1-6. Communications.

a. Section XII, chapter 2, contains communications type data. The percent utilization of each FM and AM voice radio net established for the test was obtained by USASA support personnel. Each FM and AM voice radio net was monitored with a tape recorder. The reduced data is presented in tabular format and then graphically displayed as a distribution of percent utilization versus time in increments of one hour throughout the test. A sample of this type data is shown in figures 1-23 and 1-24.

Report seq no	Name of report	Preparation time (nours)	No of times fwd	Sampie size (no)
			Aamin	
1102 1103 1104 1105 1106	Personnel Daily Summary Report Spot Strength Report Serious incident Report Straggler Report internee Strength Report TOTAL	20.50 0.25 0.41 0.75 2.00 23.91	6 1 3 1 4	8 1 2 2 2 4
			РМ	
1103	Spot Strength Report TOTAL	1.00	5	ı

Figure I-18. GI reports data (sample).

TRUCK CARGO (5 TON = M54A2)(2 1/2 TON = M35A1)(1 1/4 TON = M715)(GAMMA GOAT = M561)TRAILER CARGO T (3/4 TON = M107A1)TRUCK UTILITY (1/4 TON = M151A1)TENT (S = SMALL)(M = MEDIUM)SIGNAL VAN **GENERATOR #USED TO DESIGNATE** KW RATING VAN (5 TON = M292)(2.7/2 TON = M109)TRACK (M577)

Figure 1-19. Legend for command post sketches.

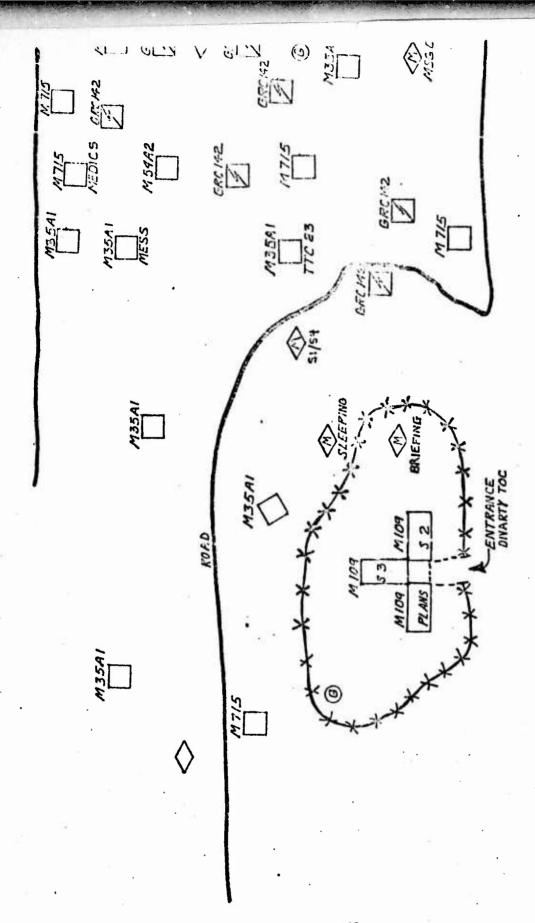


Figure 1-20. Division artillery headquarters (start of test) (sample).

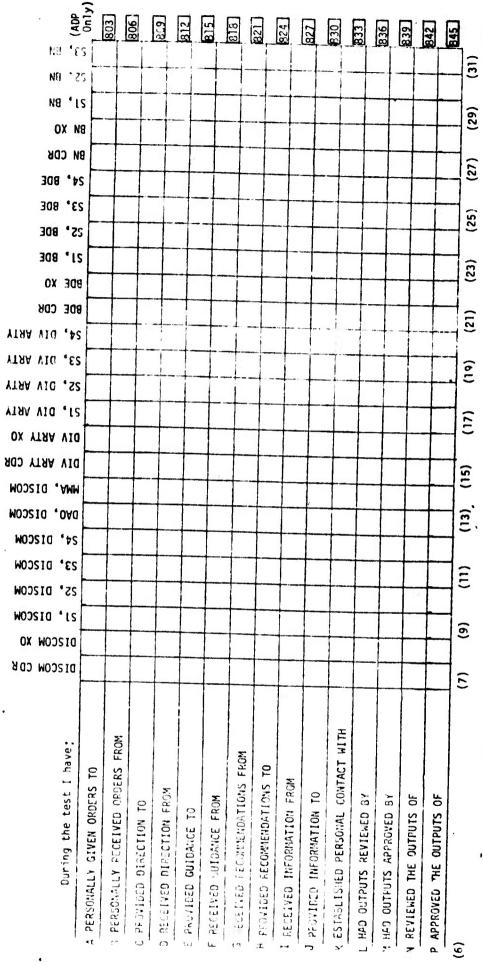
(40p) 34. The purpose of the matrix below is to highlight the functional relationships between you and the division command group, other members of the staff or other levels of command. Place an F or S in the appropriate block to indicate how often you were involved in one of the listed activities. (F = frequently - 5 or more times; S = seldom - 1-4 times; leave blank if "never" is appropriate.) For definitions of "orders", "guidance", and "direction", see page 18. 808 811 814 HQ CMDT 010 ADA OFF Position No. AVN OFF DIN SURG CWL OFF OJA **30A** BICC 01C **EMCO** DA Wd **ESE** 0FF 3-D 99 19 63 CS 19 CofS ADC(S) ADC (M) (DUP 1-5 EACH CARD, 1 CARD PER LINE) 90 - TALLY RECEIVED ORDERS FROM During the test I have: PETRICALLY GIVEN ORDERS TO TITLE CREETION FROM RECEIVED FULDANCE FROM THE DIRECTION TO The Guidment ro 119-PEQ-1

(29) (78-80) 817 820 823 926 829 832 835 838 841 (22) (52) (23) (12) (3) 3 (13) (15) Ê 6 . (7) ESTABLISHED PERSONAL CONTACT WITH PECHENIA RECORMENDATIONS FROM PTTITED PECONTISTIBIATIONS TO PECELLED INFORMATION FROM PETER TO THE GRANTIEN TO PUTPUTS REVIEWED BY CITEUTS APPROVED BY RELIEVED THE OUTPUTS OF APPROVED THE GUTPUTS OF 77 ca U 9 æ 30

Functional relationship question - PEQ. Figure 1-21.

Position No.

(DUP 1-5 EACH CARD, 1 CARD PER LINE) 34. (Continued) 119-PEQ-1



Position No.

(DUP 1-5 EACH CARD, 1 CARD PER LINE)

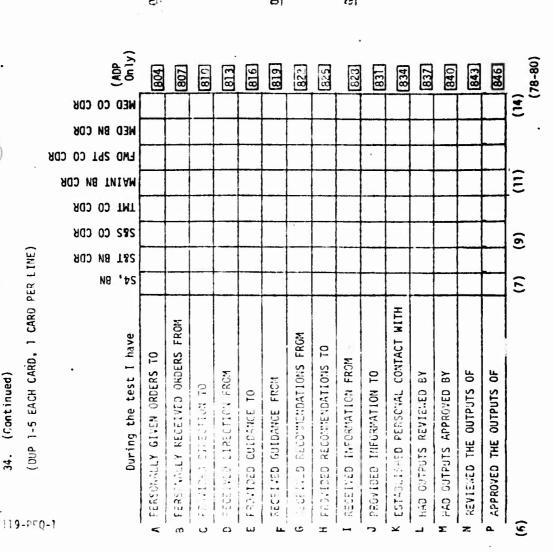
34. (Continued)

DEFINITIONS

mander. Formal examples are written OPORD, FRACO, admin/log order, and warning order; informal examples are the everyacy and versions of An order may be oral or written and states the mission and concept for from commander to subordirate comexecution and is normally issued same items. Order:

Direction is very structured and is not as flexible as guidance. Direc-Orrection: Instructions which lay out in detail the tasks to be accomplished. tion also implies supervision.

general guidelines for accomplishing tasks or missions. Guidance is not the subordinate latitude to select the means within the guidelines to accomplish the task or mission. as strict as direction and allows Guidance: Guidance provides broad and



Functional relationship question - PEQ. Figure 1-21 (cont).

				El em	ents	
Action taken	(64	Ad	min	Tre	ens
	No	Pct	NO	Pct	No	Pct
Orders, direction, and guidance provided to						
Comd Gp ^b G1 AG G2 G3			3 3 3 3 3		3	1.1
Avn Off G4 DTO G5 DISCOM Comd Gp ^a	!8 6	6.6	3 3 15 6	1.1 1.1 5.5 2.2 6.6	6	2.2
DISCOM S3 DISCOM S4 DISCOM DAO DIV Mat Mgt Off	3 6 12 12	1.1 2.2 4.4 4.4 2.2	15 27 3 3	5.5 9.9 1.1 1.1		
Div Arty S4 Bde S4 Bn S4 S&T Bn Comd S&S Co Comd Maint Bn Comd	6	2.2	27 15 12 6 18	9.9 5.5 4.4 2.2 6.6		
TOTAL	69	25.3	195	71.5	9	3.3
Orders, direction, and guidance received from						
Comd Gp ^b G3 G4 DTO	54 6	23.7 2.6	9 15 33	3.9 6.6 14.5	12 15 18	5.3 6.6
DISCOM Comd Gp ^a			18	7.9	10	7.9

 $^{\rm a}{\rm Comd}$ and XO

bcg, ADC(M), ADC(S), CofS

Figure 1-22. G4 functional relationships (sample).

- b. The percent utilization data of each teletypewriter circuit and each radio teletype (RATT) net is graphically displayed in hourly increments. Conditions of displacement, destruction, or system outages are indicated where applicable. A sample of this data is located in figures 1-25 and 1-26.
- c. Utilization data was recorded on the G2 (BICC) sole-user telephone circuit. The data lists the total number of calls and the percent utilization of each circuit hourly. The number of calls and percent utilization data is further categorized each hour by content, e.g., operational, intelligence, administrative, logistics, and other type traffic. A sample of this type data is in figure 1-27.

TIME: From 121800 To 121859

(Collection began 1800 hours, Day One, 12 Nov 73)

							4
Factor FM/AM	Total # XMs/Calls	Percent Util		Calls/Perced by Conte		zation Per	Hour *
Nets	Per Hr	Per Hr	OPS	INTEL	ADMIN	LOG	OTHER-
FM NETS	XXX	XXX	xxx	xxx	XXX	xxx	XXX ,
CG Cmd Net	18	40.0	6/11.6	4/13.3	0	1/1.6	7/15.0
Div Intel Net	18	60.0	8/38.3	0	0	0	10/21.6
Bde Cmd Net	13	38.3	3/8.6	2/10.0	0	0	8/20.0
Sde Intel Net	10	51.6	4/20.0	2/5.0	0	0	4/26.6
Bdc A/L Net	6	25.0	0	0	0	0	6/25.0
DivArty Cmd Net	00	0	0	00	0	0	_0
DivArty A/I Net	0	0	0	0	0	0	0
ADA Bn Cmd Net	3	33.3	0	1/5.0	1/6.6	0	1/21.6
Bn Cmd Net	10	23.3	5/15.0	0	2/3.3	0	3/5.0
Bn A/L Net	0	0	0	0	0	0	0
Div ATC Net	0	0	0	0	0	0	0 .
AN NETS				ě).			
Div TOC Net	NET AND	EQUIPMENT	AVAILABLE,	PLAYERS D	D NOT USE.		í
ADA Bn ADL Net	NET OPER	RATIONAL B	T NOT USED	DURING TES	Т.		
	1						

Figure 1-23. Percent utilization, FM/AM (voice) nets (sample)

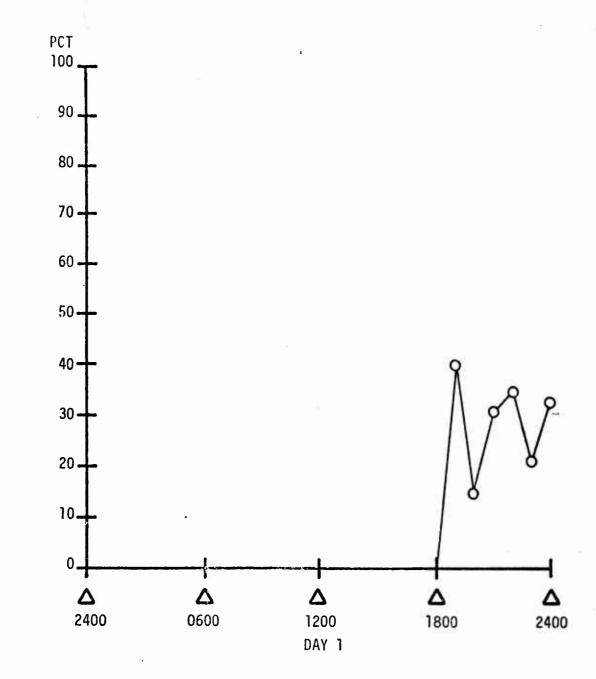
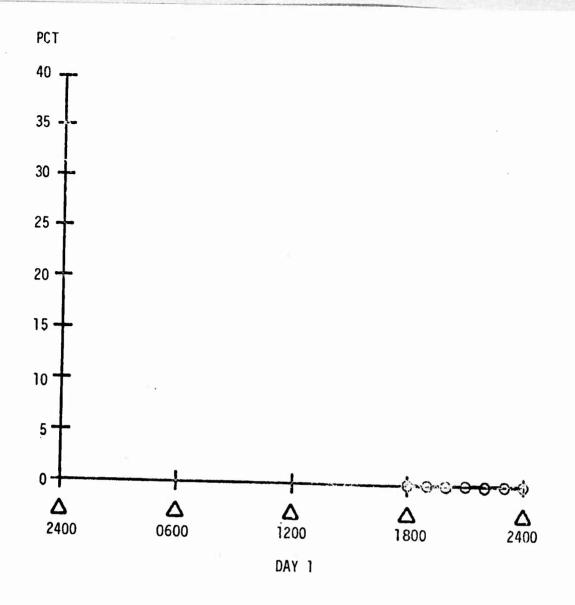


Figure 1-24. Utilization of Div CG comd net (FM) (sample).



Circuit Availability

H-101

O = OUTAGE, D = DISPLACEMENT, J = JAMMING (EW)

Figure 1-25. Utilization of corps TOC net (teletype) (sample).

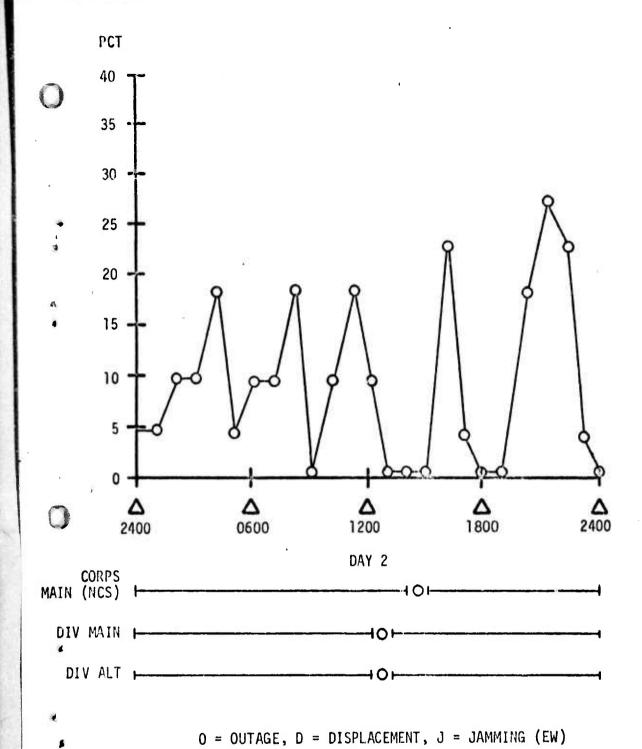


Figure 1-26. Utilization of corps comd net (AM-RATT) (sample).

TIME:	From <u>121800</u>		To	121900	
	(Collection	began at 1800	hours.	Day One.	12 Nov 73)

Factor G2 Sole-User	Total # Calls	% Util		Calls/Pe		ilization	Per Hous
Circuits	Per Hr	Per Hri	OPS	INTEL	ADMIN	LOG	OTHER .
DIVISION PAIN	XXX	XXX	• XXX	xxx	xxx	XXX	XXX
Main - Control	3	8.3		1/3.3	2/5.0		
Main - Alt							
Hain - 1st Bde (Player)							
Main - 2d Bde	1	8.3				1/8.3	
Hain - 3d Bde							
Main - Div Arty							
lain - ACS							•
DIVISION ALT	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Wit - Control	_ No _						,
Alu - Ist Bde (Player)	Act	IVITY WA	S RECORDEL				,
Alt - 2d Bde			RECORDER				4
Alt - 3d Bde				ON THES	SF.		
Alt - Div Arty					ALTERA	VATE	C
Alt - ACS						CPC	IRCUIT
							- 13
				ř			0

Figure 1-27. Percent utilization, G2 (BICC) sole-user telephone circuits (Vsample).

SECTION I - DIVISION LEVEL DATA

AS OF 13 FEB 74

POS NUMBER	LOCATION	DTG	SOC NAME	MEAN RATING
01A01	DISCOM	15 12 30	S3 PORT OF OPLAN/OPORD	1.00
S2A12		14 03.10	INT SUM	1.00
S2A12		13 24 00	PERS DLY SUM	1.00
S2A11		12 24 00	PERS DLY SUM	1.00
S2A21		13 00 15	INT SUM	1.57
S2A31		13 11 06	S3 PORT OF OPLAN/OPORD	1.00
S2A31		12 22 00	S3 PORT OF OPLAN/OPORD	1.12
S2A32		13 11 00	S3 PORT OF OPLAN/OPORD	1.15
S2A32		14 03 15	S3 PORT OF OPLAN/OPORD	1.00
01B01	BRIGADE	16 00 15	OPS SITREP	1.78
01B01		14 00 02	OPS SITREP	1.44
01B01		13 00 01	OPS SITREP	1.71
01B01		14 03 30	INT SUM	1.36
01801		12 24 00	INT SUM	4.09
01801		12 24 00	PERS DLY SUM	1.00
01B01		14 03 00	PERS DLY SUM	1.00
B2B12		14 24 00	PERS DLY SUM	1.00
B2B22		15 01 30	S2 PORT OF OPLAN/OPORD	1.56
B2B22		15 02 00	INT SUM	2.09
B2B32		14 19 30	FS ANNX	1.72
B2B31		13 04 00	S3 PORT OF OPLAN/OPORD	4.14

Figure 2-1. Major staff output ratings, summary.

, (1985) ()

POS NUMBER	LOCATION	DTG	SOC NAME	MEAN RATING	
B2B32		14 22 00	S3 PORT OF OPLAN/OPORD	2.40	
B2B32	4	15 01 50	OPS SITREP	1.58	
F1P01 F1P01 F1P01	BATTALION	14 10 00 12 23 00 14 00 01	FS ANNX S3 PORT OF OPLAN/OPORD S3 PORT OF OPLAN/OPORD	3.00 2.35 1.46	₽
F1P01		15 06 00	S3 PORT OF OPLAN/OPORD	1.52	•
01101	DIV G1	14 11 00	INTERNEES STR	1.57	a
01101		13 09 30	INTERNEES STR	1.00	•
01101		15 10 00	INTERNEES STR	1.00	
01101		13 08 45	PERS DLY SUM	1.00	
01101		14 08 30	PERS DLY SUM	1.00	
01101		15 07 30	PERS DLY SUM	1.00	
01 201	DIV G2	14 12 00	E W ANNX	1.00	
01201		14 12 00	G2 PORT OF OPLAN/OPORD	1.57	U
01201		12 24 00	INT SUM	1.06	
01201		13 24 00	INT SUM	1.06	
01201		14 24 00	INT SUM	1.06	
01201		15 24 00	INT SUM	1.09	
M1 302		14 17 00	FS ANNX	1.63	
M1 302		13 01 30	FS ANNX	1.42	.36
M1 302		14 23 00	G3 PORT OF OPLAN/OPORD	1.57	ì
M1 302		13 01 30	G3 PORT OF OPLAN/OPORD	1.19	
M1302		13 22 40	G3 PORT OF OPLAN/OPORD	2.14	•
M1302		14 17 00	G3 PORT OF OPLAN/OPORD	1.19	
M1302		13 04 00	OPS SITREP	1.22	
M1302		14 03 30	OPS SITREP	1.22	Comment

Figure 2-1 (cont). Major staff output ratings, summary.

THE R. P. LEWIS CO., LANSING, MICH.				
POS NUMBER	LOCATION	DTG	SOC NAME	MEAN RATING
M1302		15 03 00	OPS SITREP	2.55
01401	Div G4	12 19 00	DIV CRIT ITEMS RPT	1.00
01401		15 05 25	DIV CRIT ITEMS RPT	1.00
01901	DIV ARTY	15 04 00	INT SUM	1.08
01901		16 00 36	INT SUM	1.55
01901		13 02 00	INT SUM	1.41
01901		15 05 30	PERS DLY SUM	1.00
01901		13,00 00	PERS DLY SUM	1.00

Figure 2-1 (cont). Major staff output ratings, summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG
Unit	က					1.00
Authorized Strength	က					1.00
Assigned Strength	က					1.00
Present for Duty	က					1.00
KIA	က					1.00
WIA	က					1.00
MIA	က					1.00
Non Battle	က					1.00
TOTAL	က					1.00
Ga ins	က					1.00
TOTAL	30					1.00

Figure 2-2. frequency distribution of ratings for the personnel daily summary, main CP.

43

						RTG
TYPE	-	PTG 2	RTG 3	RTG 4	RTG 5	MEAN
INFORMATION	-					1.00
Issuing unit	4					
Time and date of issue	4					3
Enemy ground activity	4					9.
Trace of enemy fwd elements	4					1.00
Potential targets for nuclear weapons						
Nuclear activity						5
CBR activity	2					5 6
Air activity	4					3.
Other activity (new tactics,	4					1.00
(VIA) [0110]	4					1.00
Personner (ALA)	4					1.00
Prisoners of war	t					
Equipment destroyed or captured	4					9 5
New obstacles & barriers	ო					3 5
Administrative activities	_					
New unit identifications	က					3:
New personalities						e e
Figure 2-3.	2-3.	Frequency disintelligence	Frequency distribution of ratings for the intelligence summary, main CP.	of ratings f	or the	

	TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
	Enemy movements	2					1.00
	<pre>Est of # and type vehicles</pre>	v					
	Weather & terrain conditions	ons 2					1.00
	Enemy capabilities and vulnerabilities		4				2.00
	Conclusions	4					1.00
45	TOTAL	53	4				1.07

Figure 2-3 (cont). Frequency distribution of ratings for the intelligence summary, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG
Sex	က					1.00
Category of entries (field grade officers, NCO's, other EM, agents, escapees and evaders, deserters, civilians).	ss d					1.00
Nationality or political group	_				-	3.00
On hand beginning of reporting period.	2					1.00
Gains	က					1.00
Losses	က					1.00
Today's strength	က					1.00
TOTAL	17				-	1.22

Figure 2-4. Frequency distribution of ratings for the internee strength report, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG
Index number	2					1.8
Number authorized	2					1.00
Number on hand	2					1.00
Operational	2					1.00
Combat losses	2					1.00
Inoperable organizations	2					1.00
Inoperable support units	2					7.00
<pre># received (in reporting period)</pre>	8					1.00
# short	2					.6
TOTAL	8					1.00

Figure 2-5. Frequency distribution of ratings for the division critical items report, main CP.

	TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
	Issuing Unit	က					1.00
	Message reference number	2					2.33
	SITREP number	က					1.00
	Period covered	က			•		1.00
	Map reference					ო	5.00
	Enemy units in contact	က					1.00
48	Enemy reserves affecting local situation	က					1.00
	Enemy activity	m					1.00
	Estimate of enemy strength, materiel means, morale, knowledge of our situation	e .					1.00
	Courses of action open to enemy	က					1.00
	Location of forward elements	its 3					1.00
	Location of units, HQ, and boundaries	 					1.00
	Location adjacent units and supporting troops	2				_	2.33
	Results of operations during period	က					1.00
	(· · ·	0 9112	2-6 Erections	distribution of ratings for the	of ratings	for the	

Figure 2-6. Frequency distribution of ratings for the operations situation report, main CP.

	DTG 1	RTG 2	RTG 3	RTG 3	RTG 5	RTG
INFORMATION	5				•	cc
Noneffective units	2				-	6.33
Admin factors directly					-	2.33
affecting tactical situation	on 2					
General: Info not covered	•				_	2.33
elsewhere	J					
Cdr's eval: to be com-						
pleted when directed by higher HO	2				<u>-</u>	2.33
	45				6	1.66
)					

Figure 2-6 (cont). Frequency distribution of ratings for the operations situation report, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Time and date of enemy situation depicted						
Enemy force composition						
Enemy disposition						
Enemy locations						
Enemy movement						
Enemy strength						
Enemy identifications						
Enemy capabilities						
Weather and terrain			e			
EEI		-				2.00
Intel acquisition tasks for all asgd & atchd units	r.	-				2.00
Intel requests to higher, adjacent & cooperating units	its	-				2.00
Measures for handling captured materiel	-					1.00
Measures for handling personnel and documents	,					1.00
Documents and/or equip- ment required		-				2.00

Figure 2-7. Frequency distribution of ratings for the G2 portion of OPLAN/OPORD, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG
Counterintelligence	_					1.00
	က	4				1.57

Figure 2-7 (cont). Frequency distribution of ratings for the G2 portion of OPLAN/OPORD, main CP.

ā.						RTG
	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	MEAN
	-					1.00
Issuing unit	r					1.00
Place of issue	4					6
DTG of signature	က				,	3 6
Message reference number	က				_	8 6
Type and aerial number	4				-	3 5
Map reference	က					3 6
Time zone	က				_	20.5
Task Organization	4					-
Friendly situation, higher and adjacent units	4					1.00
Units attached to or detached from issuing HQ and DTG effective	ო				-	2.00
Mission,(who, what, when, why, where).	4					1.00
Concept of operations (Maneuver and fire).	4					1.00
Tactical mission assignments to all maneuver units not in reserve	4					1.00

Figure 2-8. Frequency distribution of ratings for the G3 portion of OPLAN/OPORD, main CP.

TYPE INFORMATION R	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG 6
Tactical mission assignments to all other combat elements.	4					1.00
Artillery organization for combat	4					1.00
Other elements providing fire support	4					1.00
Div Troops	ო				_	2.00
Reserve elements	ო					2.00
Nuclear weapon allocation					4	5.00
Coordinating instructions	4					1.00
Command and signal instructions	4					1.00
TOTAL	73				Ξ	1.52

Figure 2-8 (cont). Frequency distribution of ratings for the .63 portion of OPLAND/OPORD, main CP.

TYPE INFORMATION R	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG
OPORD reference	_					1.00
Map reference						
Time zone	-					1.00
Ref to intel document	_					1.00
Friendly forces						
Attachments & Detachments						
Mission	,-					1.00
ECM concept	_					1.00
ESM concept						
ECCM concept	_					1.00
Unit support/mission asgmts	}					1.00
Coordinating instructions	_					1.00
Service support						
Signal instructions						
Command instructions						
TOTAL	œ					1.00
Figure 2-9.		Frequency distribut Electronic warfare	ibution of ratings are annex, main CP.	Frequency distribution of ratings for the Electronic warfare annex, main CP.	<u>o</u>	

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG
OPORD reference	2					00
Map reference	2					1.00
Time zone	2					00.
Ref to intel document	8					
Enemy fire spt capability	2					1,00
Mission next higher HQ	8					00.
Mission supporting TAC air	2					1,00
Non-divisional arty support	_					3.00
Naval gunfire support					2	5,00
Attachments & Detachments					. 6	20 20
Mission Div Arty & supporting fire elements	2				ī	S -
Concept of Ops - Fires	2					8 8
Air support	2					1.00
Arty support (Minimum: FA organization for combat and organization)	2					
						- 3
Nuclear support	2					1.00

Frequency distribution of ratings for the fire support annex, main CP.

Figure 2-10.

Figure 2-10 (cont). Frequency distribution of ratings for the fire support annex, main CP.

TYPE INFORMATION	RTG 1	ARTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Unit	2					9.
Authorized strength	5					1.00
Assigned strength	2					1.00
Present for duty	2					1.00
KIA	2					1.00
WIA	2					1.00
MIA	2					1.00
Non battle	2					1.00
TOTAL	2					١.00
Gains	2					1.00
TOTAL	20					1.00

*

Figure 2-11. Frequency distribution of ratings for the Div Arty personnel daily summary.

TYPE	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	3					1.00
Time and date of issue	2		-			99 L
Enemy ground activity	-	2				1.66
Trace of enemy find elements		pers				2.00
Potential targets for nuclear weapons	press.	_				1.50
Muclear activity						
CBR activity						
Air activity						1.00
Other activity (new tactics, counterintelligence, etc)	8	1000				1.33
Personnel (KIA)	2					1.00
Prisoners of war						
Equipment destroyed or captured	2			-		2.00
New obstacles & barriers	2					1.00
Administrative activities						
New unit identifications					;	
	616	Labouron	die tritution	of matings	recommendation of reting of retings for the Div Artv	rtv

Figure 2-12. Frequency distribution of ratings for the Div Arty intelligence summary.

TYPE INFORMATION	RTG 1	RTG 1 RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
New personalities						
Enemy movements	m					1.00
ist of # and type vehicles						
Weather & terrain conditions	tom					1.00
Enemy capabilities and Vulnerabilities	~	pass				1.33
Conclusions	m					1.00
TOTAL	Ø	y	-	-		1.33

Figure 2-12 (cont). Frequency distribution of ratings for the Biv Arty intelligence summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Unit	2					1.00
Authorized strength	2					1.00
Assigned strength	2					1.00
Present for duty	2					1.00
KIA	2					1.00
WIA	2					1.00
MIA	2					00.1
Non battle	2					1.00
Total	2					1.00
Gains	2					1.00
TOTAL	20					1.00

Figure 2-13. Frequency distribution of ratings for the DISCOM personnel daily summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	2					1.00
Time and date of issue	2					1.00
Enemy ground activity	8					1.00
Trace of enemy fwd elements	-					1.00
Potential targets for nuclear weapons						
Nuclear activity						
CBR activity						
Air activity	-					1.00
Other activity (new tactics, counterintelligence, etc.)	2					1.00
Personnel (KIA)						
Prisoners of war						
Equipment destroyed or captured						
New obstacles & barriers	-					1.00
Administrative activities						
New unit identifications						

Figure 2-14. Frequency distribution of ratings for the DISCOM intelligence summary.

TYPE	otc 1	PTC 2	RTG 3	RTG 4	RTG 5	RTG MEAN
INFORMALION	5	2 514	5			
New personalities						
Enemy movements	_					1.00
Est of # and type vehicles						
Weather & terrain conditions			_			3.00
Enemy capabilities and vulnerabilities		-				2.00
Conclusions		-				2.00
TOTAL	12	2	_			1.26

Figure 2-14 (cont). Frequency distribution of ratings for the DISCOM intelligence summary.

RTG 3 RTG 4 RTG 5 MEAN 1.00	1.00	1.00	1.00	1.00	1.25	1.00	1.00	00 1	00.1	1 20		67.1	00.1		Frequency 1stribucion 5
TYPE RTG 1 RTG 2	Tesuing unit	place of issue	of signature	Message reference number 5	Type and serial number 4	Man reference	Time zone	Task organization 4	Friendly situation, higher 4 and adjacent units	Units attached to or detached 2 from issuing HQ and DTG effective.	Mission (who, what, when, why, 4 where).	Concept of operations (maneuver) 3 and fire).	Tactical mission assignments to all maneuver units not in reserve.	mission assignments other combat elements.	Figure 2-15. Freq

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Artillery organization for combat	_					1.00
Other elements providing fire support.	-					1.00
Div troops	_					1.00
Reserve elements						1.00
Nuclear weapon allocation						
Coordinating instructions	2					1.00
Command and signal instructions	2					1.00
TOTAL	29	m				7.04

Figure 2-15 (cont). Fraquency distribution of ratings for the DISCOM S3 portion of the OPLAND/OPORD.

TYPE INFORMATION R	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	-	2				1.66
Place of issue	_	2				1.66
DTG of signature	က					1.00
Message reference number	က		Ë			1.00
Type and serial number	2					1.33
Map reference	-	2				1.66
Time zone		2				2.00
Task organization	2	-				1.33
Friendly situation, higher and adjacent units	_		-			2 00
Units attached to or detached from issuing HQ and DTG effective		8				2.00
Mission (who, what, when, why where)	-	2				1.66
Concept of operations (maneuver and fire).		-				1.50
Tactical mission assignments to all maneuver units not in reserve	7		-			1.60
Figure 2-16.		Frequency distr portion of the	listribution of r the OPLAN/OPORD.	atings for	Frequency distribution of ratings for the battalion S3 portion of the OPLAN/OPORD.	S3

TYPE	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG
Tactical mission assignments to all other combat elements.	2			-		2.00
Artillery organization for combat			-			3.00
Other elements providing fire support				2		4.00
Div Troops						
Reserve elements						
Nuclear weapon allocation						
Coordinating instructions		2	,-			2.33
Command and signal instructions	us	2	-	-		2.33
TOTAL	20	19	2	ო		1.80

Figure 2-16 (cont). Frequency distribution of ratings for the battalion S3 portion of the OPLAN/OPORD.

	TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG
	OPORD reference			· —			3.00
	Map reference			-			3.00
	Time zone			_			3.00
	Ref to intel document						
	Enemy fire spt capability						
	Mission next higher HQ						
	Mission supporting TAC air						
67	Non-divisional arty support						
	Naval gunfire support						
	Attachments & Detachments				†		
	Mission Div Arty & supporting fire elements						
	Concept of Ops - fires						
	Air support						
	Arty support (Minimum: FA organization for combat and organization						

Frequency distribution of ratings for the battalion fire support annex. Figure 2-17.

Nuclear support

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG
Coordinating instructions						
Service support						
Signal instructions						
Command instructions						3.00
TOTAL						

Figure 2-17 (cont). Frequency distribution of ratings for the battalion fire support annex.

	TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
	Unit	က					1.00
	Authorized strength	က					1.00
	Assigned strength	က					1.00
	Present for duty	က					1.00
	KIA	ო					1.00
	WIA	ო					1.00
	MIA	ო					1.00
69	Non battle	က					1.00
	Total	ო					1.00
	Gairs	ო			The state of the s	!	1.00
	TOTAL	30					1.00

Figure 2-18. Frequency distribution of ratings for the brigade personnel daily summary report.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG
Issuing unit	2				-	2.33
Time and date of issue	က					1.00
Enemy ground activity	_	-	-			2.00
Trace of enemy fwd elements					-	5.00
Potential targets for nuclear weapons					_	5.00
Nuclear activity					-	5.00
CBR activity					-	5.00
Air activity	_	_			-	2.66
Other activity (new tactics, counterintelligence, etc)						2.00
Personnel (KIA)	-	-			_	2.66
Prisoners of war		_	_		-	3.33
Equipment destroyed or captured	_	2				1.66
New obstacles & barriers		-			-	3.50
Administrative activities					-	5.00
New unit identifications	_				_	3.00

Frequency distribution of ratings for the brigade intelligence summary. Figure 2-19.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
New personalities					-	5.00
Enemy movements		က				2.00
Est of # and type vehicles						3.00
Weather & terrain conditions					_	5.00
Enemy capabilities and vulnerabilities		-	2			2.66
Conclusions	-		2			2.33
1.2 TOTAL	Ξ	Ξ	7		14	2.88

Figure 2-19 (cont). Frequency distribution of ratings for the brigade intelligence summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	MEAN
Issuing unit	4					1.0
Message reference number	က				-	2.00
SITREP number			-		က	4.50
Period covered	4					1.00
Map reference	-	က				1.75
Enemy units in contact	4					9.6
Enemy reserves affecting local situation	ო		-			1.50
Enemy activity	4					1.8
Estimate of enemy strength, materiel means, morale, knowledge of our situation	က					1.25
Courses of action open to enemy	~		~			2.00
Location of forward elements	4					1.00
Location of units, HQ, and boundaries	4					1.00
Location adjacent units and supporting troops		Ť				1.75
Results of operations during period.	ო		-			1.50

Figure 2-20. Frequency distribution of ratings for the brigade operations situation report.

72

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG
Noneffective units	-				2	3.66
Admin factors directly affecting tactical situation	т					5
General: Info not covered elsewhere	ო					9
Cdr's eval: to be completed when directed by higher HQ	-					00
TOTAL	49	2	9		9	1.62

Frequency distribution of ratings for the brigade operations situation report. Figure 2-20 (cont).

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG
Time and date of enemy situation depicted		-				2.00
Enemy force composition		-				2.00
Enemy disposition		-				2.00
Enemy locations		-				2.00
Enemy movement		-				2.00
Enemy strength						2.00
Enemy identifications		-				2.00
Enemy capabilities		-				2.00
Weather and terrain		_				2.00
EEI	-					1.0
Intel acquisition tasks for all asgd & atchd units	-					1.00
Intel requests to higher adjacent & cooperating units						3.6
Measures for handling captured materiel						1.00
Measures for handling personnel and documents	-					1.00

Figure 2-21. Frequency distribution of ratings for the brigade S2 purtion of the OPLAW/OPORD.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG
Documents and/or equipment required	-					1.8
Counterintelligence	-					3.8
TOTAL	7	o n				1.56

Frequency distribution of ratings for the brigade S2 portlon of the OPLAN/OPORD. Figure 2-21 (cont).

Issuing unit Place of issue Place of issue Message reference number Type and serial number Time zone Time zone Time zone Trime zone Time and adjacent units Units a-tached to or detached from issuing HQ and DTG			2	2.00
Place of issue DTG of signature Message reference number Type and serial number I ype and serial number Time zone Time zone Time zone Time zone Time and adjacent units Units a-tached to or detached from issuing HQ and DTG			2	2.50
DTG of signature Message reference number Type and serial number Map reference Time zone Time zone Task organization Triendly situation, higher and adjacent units Units a-tached to or detached from issuing HQ and DTG			2	2.50
Message reference number Type and serial number Map reference Time zone Task organization Friendly situation, higher and adjacent units Units a-tached to or detached from issuing HQ and DTG			2	
Type and serial number Map reference Time zone Task organization Friendly situation, higher and adjacent units Units a-tached to or detached from issuing HQ and DTG				5.00
Map reference Time zone Task organization Friendly situation, higher and adjacent units Units a-tached to or detached from issuing HQ and DTG		-		2.50
Time zone Task organization Friendly situation, higher and adjacent units Units a-tached to or detached from issuing HQ and DTG			-	4.50
Task organization Friendly situation, higher and adjacent units Units a-tached to or detached from issuing HQ and DTG			-	4.50
Friendly situation, higher and adjacent units Units a-tached to or detached from issuing HQ and DTG				2.50
Units a-tached to or detached from issuing HQ and DTG	-	-		3.00
effective			8	5.00
Mission (who, what, when, why, where)		2		4.00
Concept of operations (maneuver and fire)	H	-		2.50
Tactical mission assignments to all maneuver units not in reserve.				2.00

Figure 2-22. Frequency distribution of ratings for the brigade S3 portion of the OPLAN/OPORD.

TYPE INFORMATION F	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Tactical mission assignments to all other combat elements	-				-	3.00
Artillery organization for compat					8	5.00
Other elements providing fire support	-				-	3.00
Div troops			-			3.00
Reserve elements	_		-			2.00
Nuclear weapon allocation					2	2.00
Coordinating instructions	-				-	3.00
Command and signal instructions	-				-	3.00
TOTAL	. 21	_	ĸ	60	14	3.29

Frequency distribution of ratings for the brigade S3 portion of the OPLAN/OPORD. Figure 2-22 (cont).

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	HEAN
OPORD reference	-					1.00
Map reference	_					1.00
Time zone	-					1.00
Ref to intel document						1.00
Enemy fire spt capability					-	2.00
Mission next higher HQ		_				2.00
Mission supporting TAC air	-					1.00
Non-divisional arty support	-					1.00
Naval gunfire support						
Attachments & detachments					-	2.00
Mission Div Arty & supporting fire elements	-					1.00
Concept of Ops - fires	-					1.00
Air support	-					1.00
Arty support (Minimum: FA organization for combat and organization)	-					1.00
Nuclear support						1.00
					-	5.00

igure 2-23. Frequency distribution of ratings for the brigade fire support annex.

TYPE	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG
Service support	-					1.00
Signal instructions	-					1.0
Command isntructions	-					1.00
TOTAL	14	_			က	1.72

Frequency distribution of ratings for the brigade fire support annex. Figure 2-23 (cont).

Ţ.

	Major staff output	Start time (DTG)	Stop time (DTG)	Elapsed time (hours)	Mean output preparation time(hours)	Request for clarification
			ivision Gl			
	Personnel daily					
a a	summary report	122400 130600 140500 150130	130700 131005 140830 150720	7.00 4.08 3.50 5.83		01
*	Total			20.41	5.10	01
	Internee Strength					
	Report	131105 140700 150900	131115 141040 151000	.17 3.67 1.00		
	Total .			4.84	1.61	
			Division G2	1 >		
0	G2 Portion of OPLAN/OPORD	121800 130730 141000 141930	130730 131430 141500 142400	5.00 4.50 13.50 7.00		
	Total			30.00	7.50	
	EW Annex	141100	141400	3.00	3.00	
	INT SUM	130200 130415	130350 130440	1.83 .42 1.50		
		140210 140400 141600 150200	140840 140415 141900 150430	25 3.00 2.50		
		150500 152400	150515 160200	.25 2.00		
	Total			11.75	1.47	S

Figure 2-24. Preparation time and clarity of major staff outputs; source - evaluator.

Major staff output	Start time (DTG)	Stop time (DTG)	Elapsed time (hours)	Mean Output preparation time(hours)	Request for clarification
		Division 6			
G3 portion of	10000				
OPLAN/OPORD	122000 131930	122110	1.17		
	141600	132210 141910	2.67 3.17		
	142000	142330	3.50		
The second					
Total			10.51	2.63	
Operations				177	
Situation		The same of			
Report	130010	130200	1.50		
	140200	140400	2.00		
	150100	150230	1.50		
Total			5.00	1.67	
Fire Support					
Annex	130030	130230	2.00		01
	131930	132200	2.50		
	140926	141610	6.73		
	141830	141930	1.00		01
Total			12.23	3.06	02
Engineer Annex	122115	122250	1.58		
	131930	132200	2.50		
Total			4.08	2.04	P AL
Army Aviation					
Annex	131930	132200	2.50	2.50	
OA Doubles of		Division G	4		
G4 Portion of OPLAN/OPORD	141930	142130	2.00	2.00	
G4 Portion of			U.S.	330	
ADMIN/LOG order	132030	132145	1.25	1.25	
Div critical	101000	1 21 000	1 00	1 00	
items report	121800	121900	1.00	1.00	

Figure 2-24 (cont). Preparation time and clarity of major staff outputs; source - evaluator.

Major staff output	Start time (DTG)	Stop time (DTG)	Elapsed time (hours)	Mean Output preparation time(hours)	Request for clarification
	<u>D</u> .	ivision arti	illery		
S1 portion of OPLAN/OPORD	160530	160545	.25	. 25	
Personnel daily					
summary	130335	130440	1.08		
	140200	140300	1.00		
	150200	150620	4.33		
Total			6.41	2.14	
INTSUM	122300	130001	1.02		
	130030	130200	1.50		
	150115	150530	4.25		
	160001	160100	.98		
Total			7.75	1.94	
Fire support					
annex	150400	150530	1.50	1.50	
	Div	ision suppor	rt command		
Personnel daily					
summary	142400	1 50005	.08		
	152400	160015	. 25		
Total			.33	.16	
Internee strength					
report	142400	150005	.08		
	152400	160001	.02		
Total			.10	.05	
IULAI			. 10	.05	
	4				

Figure 2-24 (cont). Preparation time and clarity of major staff outputs; source - evaluator.

Personnel daily summary Total Internee strength report	130100 140001 150001	130300 140130 150130 140330 150600	2.00 1.48 1.48 4.96	1.65	clarification
Total Internee strength report	140001 150001	140130 150130	1.48 1.48 4.96	1.65	
Total Internee strength report	140001 150001	140130 150130	1.48 1.48 4.96	1.65	
Internee strength report	150001 140300	150130	1.48 4.96	1.65	
Internee strength report	140300	140330	4.96	1.65	
Internee strength report			.50	1.65	
report					
report					
Total	100100	130000			
Total			2.00		
			2.50	1.25	
INTSUM	130015	130100	.75		
	132300	140230	3.50		
	150030	150200	1.50		
	152400	160210	2.17		
Total			7.92	1.98	
			7.92	1.96	
2 portion of					
PLAN/OPORD	150115	150330	1.25	1.25	
3 portion of					
PLAN/OPORD	142330	150315	1.30	1.30	
itea cumpont					
ire support	142000	142300	3.00	3.00	
	172000	172300	3.00	3.00	
ersonnel daily		Battali	<u>on</u>		
cummary	122313	122347	.67		
	132320	132350	.50		
	142343	142357	.23		02
	152330	152355	.42		UZ
To+s?					
Total			1.82	.46	02
3 portion of					
PLAN/OPORD	122330	122400	.85		
Carried William	132310	140001	.50		
	150730	150930	2.00		
Total			3.35	1.12	
ire support	150700	150830	1.50	1.50	

Figure 2-24 (cont). Preparation time and clarity of major staff outputs; source - evaluator.

ABBREVIATIONS

20	PDQ-1	Player Daily Questionnaire, Number One.
	PDQ-2	Player Daily Questionnaire, Number Two.
	PEQ	Player End of Test Questionnaire.
	PEQ-SR	A supplemental questionnaire with a full title of Player End of Test Questionnaire/CAT I & II Supplemental Report (PEQ/CAT I & II SR).
-	"D"	Indicates a player from whom a questionnaire (indicated at the top of the column) was due on any shift ending during that particular day. $\omega_{a,s}$
	"E"	Indicates a player from whom end of test questionnaires were due on the last day of the test. This requirement (was in addition to the daily (D) requirement for the last day.
•	"0"	Indicates a player from whom end of test comments were due. The method of collection (complete a PEQ or oral debriefing) was open to the evaluator and player.

Figure 2-25. Player questionnaire completion schedule, abbreviations.

. . . .

Subsystem:	Maneuver Bn(Com	(nd Group)		T	ues ***(1 333			ed nur RES		Thur	•		
Position No.	Player		Rank	PDQ-1	P00-2	PDQ-1	PDQ-2	PBQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEO-SE	0
F7P01 F8P02 F9P03 FAP04 FAP05 FAP06	Bn Cmdr XO CSM (optional) Lt Veh Drv Lt Veh Drv Per Car Drv		E3 E1 E3 01 02		D D		D D		D D		D D	O E E		:
	EVALUATORS	CAT												
F1PO1	Bn Cmdr	I	05											•
		•												
_													1	
													1	0
		· .											1	
														13
												İ		
						1							1	•
					1								1	
			1			1	1							•
•		•												
Y			1	- 1	1	i	1	- 1	1	1	1		(

Figure 2-20. Player questionnaire completion schedule, Bn Comd Gp. 85

-Subsystem:	COMMAND		Ti	ıes	Tu			ur		[hur Fri		V -2
Position No.	<u>Player</u>	Rank	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	Puq-2	PEQ	PSQ-58.
07601 08611 08612 09611 •09612 09613 09614 0A611	Div Cdr Aide (Optional) Aide (Optional) Cmd Sgt Maj Secy Steno Secy Steno (Optional) Chauffer, CG Lt Veh Dry (Optional)	08 03 02 E9 E6 E6 E6		D		D		D		D	O E	O,
01601	CG I	05										
O		- 12										,
·												
•												
0												

Figure 2-27. Player questionnaire completion schedule, Comd Gp.

Position No. 08701 08711	Player ADC(S)			-		UES		INAT					
08711	ADC(S)		Rank	-pod-	PDQ-2	PDQ-1	PDQ-2	PDQ-1	P00-2	PDQ-1	P00-2	PEQ	15 - S. E.
09711	Aide (Optional) Chauffer		07 02 E5									0	0
	EVALUATOR	CAT			1	_							4
01701	ADC(S)	I	05										
		•											
			\										
	II is no	•	_										
													6
								i					-
		•					·						
		٠											
													*
-				-									•
			31										
	2-1												

Figure 2-28. Player questionnaire completion schedule, ADC(S).

Subsystem:	ADC(M)			T1	***Q	Tu We UES	d	We Th	ur		Thur Fri	***	\$6- 4 °
Position No.	Player		Rank	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
08501 08511 •09511	ADC(M) Aide (Optional Chauffer)	07 02 E5									0	З
	EVALUATOR	CAT											
01501	ADC(M)	I	05										
0			· #										
•	14												
• •	•												
4													
		•											
O													

Figure 2-29. Player questionnaire completion schedule, ADC(M).

_\$ubsystem:	CofS			T:	ues ***0	Tu We	17270	We Th	d iur	100	hur Fri	***	
Position No.	Player		Rank	P0Q-1	P00-2	PD0-1	P00-2	PDQ-1	P00-2	PDQ-1	PDQ-2	PEQ	PT 25B (
07801 07821 09823 04824 04825	Chief of Sta SGS Secy Steno Lt Veh Drv Lt Veh Drv	ff	06 01, E5 E3		D		D		D		D	S. S.	O F ◆
01801	EVALUATOR CofS	<u>CAT</u> I	05										*
			`										
		·											C
							·						8
													O
	,												
							٠						
		į.·											

Figure 2-30. Player questionnaire completion schedule, CofS.

_Subsystem:	HQ CMDT			T	ues ***0	Tu We			ur		hur ri	***
Position No.	Player		Rank	PDQ-1	PDQ-2	PDQ-1	PDQ-2	P0Q-1	P0Q-2	PDQ-1	PDQ-2	PEQ
M8141 M9142 ■ MA143	HQ Cmdt Ops Sgt Lt Veh Drv		04 E7 E3	D	D D	D	D D	D	D	D	D D	E 23
¥	EVALUATOR	CAT										
01141	HQ Cmit	I	04									
		=	`									
		II,										
O												
		± 11	,									
•				1							4	
O												

Figure 2-31. Player questionnaire completion schedule, HQ Comdt.

Position No. Player Rank Ra				Ti	ies	Tue	57	We Th	100		hur		1
M8111	Subsystem:	G1		***	***0	UEST	TION	NAI	RES	***	***	***	14.4
M8111		<u>Player</u>	<u>Rank</u>	PDQ-1	PDQ-2	PDQ-1	PDQ-2	1-pad	PDQ-2	PDQ-1	P50-2	PEQ	J:S-0:4
M8111 Asst G1 Ol, D D D D D D D D D D D D D D D D D D D	07101	G1.	05		D		D		D		D	E	E
M8112 Asst GI (Optional) O3 D D D D D D D D D		AIMIN											٠
M8121 Div PM O5 D D D D D D D D D D D D D D D D D D	M8112 M9113 M9114 MA115 MA116 MA117 M8118	Asst Gl (Optional) Per Mgt Supv Secy Stenc (Optional) Clerk Typist Clerk Typist (Optional) Lt Veh Drv Reenlistment Off (Optional)	03 E5 E1, E1, E3 05	D D D D D	D	0 0 0 0 0 0	0	D D D D	Ü	D D D D D	D	3 S E	EME
M8122 Asst Div PM O4 D D D D D D D D D D D D D D D D D D D		PM .								i			
01101 G1/PM I 05 M2111 Admin (D) 03 M2121 PM (D) II M2112 Admin (N) 03 M2122 PM (N) II M3111 Admin (D) E8 M3121 PM (D) III M3112 Admin (N) E8	M8122 M9123 M8124 M9125 MA126	Asst Div PM Ops Sgt Crim Invest (Optional) Sr Asst CI (Optional) Clerk Typist	04 E8 W0 E7 E4	D D D	D	D D D	D	D D D	D	D D D	D	EEE	E
M2111 Admin (D) 03 M2121 PM (D) II M2112 Admin (N) 03 M2122 PM (N) II M3111 Admin (D) E8 M3121 PM (D) III M3112 Admin (N) E8		EVALUATORS											
M2112 Admin (N) 03 M2122 PH (N) II M3111 Admin (D) E8 M3121 PM (D) III M3112 Admin (N) E8	M2111	Admin (D)											4
M3111 Admin (D) E8 M3121 PM (D) III M3112 Admin (N) E8			03									İ	
	M3111 M3121	Admin (D) PM (D) III											1
		PM (N) III	50										
													1
		4. 1											(

Figure 2-32. Player questionnaire completion schedule, G1.

_Subsystem:	C2(Plans/Admin, S&H)		T:	+++0	Tu We	d		ur	F	hur ri ***	***	3 (4) (
Position No.	<u>Player</u>	Rank	PDQ-1	P00-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PI.25::
07201	G2	05		D		D		D		D	H	Ξ
•	PLANS/ADMIN											
№ M8210 M9211 MA212 № MA213 № M/TA214 M/TA215	Dep G2 (plans) Intel Sgt Secy Steno Clerk Typist Pers Carr Drv Lt Veh Drv S&H	04 E9 E4 E4 E3	D D D D	D D	D D D D	D D	D D D D	מ	D D D D	D D	3 - E	£1 j.ü
м8241 м9242 ма243	Security/HUMINT Off S&H NCO S&H Clerk	Ol ₄ E6 El ₄	D D D	D D	D D	D D	D D D	D D	ם ת ם	D D	E	EE
01201 M2211 M2212 M2212 M3211 M3212 M3212 M32142	G2 I Plans/Admin (D) II Sth (D) II Plans/Admin (N) II Plans/Admin (D) III Plans/Admin (N) III Plans/Admin (N) III Plans/Admin (N) III	05 04 03 E7 E7										
0												

Figure 2-33. Player questionnaire completion schedule, G2 P&A and S&H.

	Subsystem:	G2(CC&D, A&P, SS/EWE)			ies	Tu We	d	We Th	ur	F	hur ri		
	* 600 (a.) Papage rep.			***	***Q	UES.	LION	NAI	RES'	***	***	**1%*	0
	Position No.	Player	Rank	1-paq	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ-SR	
		CC&D				-						r sh	
	M8251 M8252 M9255 M9256 M925B M925C MA253 MA254	CC&D Sec Chief CC&D Sec Chief Ops Sgt Asst Ops Sgt Intel Analyst/RTO Intel Analyst/ETO Intel Analyst/Journal Intel Analyst/Journal	03 03 E8 E7 E5 E5 Clk E4 Clk E4	D D D D D	D D D	D D D D D	ם ת ת	ם ם ם ם ם ם	ם מ מ	ם ם ם ם ם	ם מ ט ט	EE EE EE	*
		A&P											
	M7202 M8261 M8262 M8263 M82614 M9267 `268 M9264	BICC OIC Intel Off Intel Off Intel Off OB Tech Intel Sgt Intel Sgt Intel Analyst Intel Analyst	04 02 02 W0 E6 E6 E5	D D D D D D D	D D	D D D D D D D D	D D	םםםםםםםםם	р р р	םםםםםםםםם	D D	EEE EE	0
•	M827B M8271 M8272 M9273 M9274 M9275 M9276 M9277 M9278 MA278 MA27A MA27B MA27C	SS/EWE SSO EW Crypto Stf Off Electronic CM Off Sig Intel Supv Liaison Sgt Sr Sig Intel Analyst Sr Sig Analyst Sr Traffic Analyst Signal Analyst Traffic Analyst Traffic Analyst Traffic Analyst Traffic Analyst Traffic Analyst Traffic Analyst EWCO	04 02 E7 E6 E6 E5 E1 E1 E5	D D D D D D D D D D D D D D D D D D D	D D D	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	D D D	D D D D D D D D D D	D D D		D D D	正知田田	5
	M82AU	EWCO	04	D	D	D	D	D	D	D	D	EE	
	U	***										1	0

Figure 2-34. Player questionned re completion schedule, G2 UC&D, A&P, and SS/EWE.

1 1 E

Obsystem:	G2 (CC	&D, A&I	P, SS/EW	E) (cont	, " "		' ~ Ų U 	ESI	TONV	AIR 	£5*1	 	***	1
Position No.	EVALUAT	ORS	CAT	Rank	PDQ-1	PDQ-2	PDQ-1	P0Q-2	PDQ-1	P0Q-2	P02-1	PDQ-2	PEQ	02.036
M2251 M2852	CC&D CC&D	(D) (N)	II II	03 E7		`								
M2261 M2271 M2262	A&P SS/EWE A&P	(D) (D) (N)	ΙΙ	04										
M2272	SS/EWE	(N)	II	C3										
M <i>5</i> 1251 M31261 M3271	CC&D A&P SS/EWE	(D) (D) (D)	111	E7							Ä			
M3252 M3262 M3272	CC&D A&P SS/EWE	(N) (N)	111	E7										
														!
O		,		W-10										
		1. 15												
•										·				
ALT.														
-0														

Subsyst	em: G3(Admin-Plans/Ops-L	vo)	Т	ues	Tu We	es	1000	ed hur		Thui Fri	•		1
***************************************	cm. ON womma-rians/obs-P	NO)	***	***(QUES	TIO	MNA	RES	***	****	**	***	6
Position No.	Player	Rank	P004-1	PDQ-2	PDQ-1	P00-2	P04-1	2-00-	P004-1	P00-2	PEO	us Cad	
07301	03	05		D		A	-	A	-	D	E	E	1
	ADMIN											1	
M93B3 M93B8 M/TA3BD	Ch Ops Sgt Secy Steno Lt Veh Drv	E9 E5 E3	D D	D	D D	D	D D	D	D U	D	E	E	
	OPS								"	Щ			
M8311 M8312 M/T9314 M9316 M9317 MA31B M/TA31C MA31E	Asst G3 Asst G3 Asst C Ops Sgt Ops Spec Ops Spec Ops A st Pers Carr Drv Lt Veh Drv	04 04 E8 E5 E4 E4 E3	D D D D D D D D D	D D D	מממממממ	D D	0 0 0 0 0 0	D D	D D D D D D D D	D D D	EEE	FEE	•
	PLANS						. Te		-				
M8322 M9325 M329 MA32A MA323	Asst G3 (Plans) Asst G3 (Plans) Ops Spec Clerk Typist Clerk Typist Lt Veh Drv	04 03 E5 E4 E4 E3	D D D D D	D D	0 0 0 0	D D	0 0 0 0 0	D D	00000	D D	E	E	0
	INO												٠
M8331 M8332 M8333 MA334 MA335 MA336	LNO LNO LNO Lt Veh Drv Lt Veh Drv Lt Veh Drv	03 03 03 E3 E3	D D D D D		D D D D D		D D D D		D D D D				
U)

Figure 2-36. Player questionnaire completion schedule, G3 Admin, Plans, Op, and LNO. 95

Subsystem:	G3(Admin=Plans/Ops	a-LNO)			ues	Tu We	d	7	ur	ı	hur ri		21.34
Position No.	(cont) EVALUATORS C	<u>AT</u>	Rank	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	FEG-SE
01301 M1302 M/43301 M2311 M2312 M2312 M3311 M3321 M3312 M3322	Ops/LNO (D) Plans/Admin (D) Ops/LNO (N) Plans/Admin (N) Ops/LNO (D) Plans/Admin (D) Ops/LNO (N)		05 05 E7 04 03 E7										
0													
•								•					
0													

Figure 2-37. Evaluator questionnaire completion schedule, G3 Admin, Plans, Op. and LNO.

-Subsystem:	G3 (ACE) (ADA/AVN)			:**0	Tu We	d	6.4	ur		hur ri	***
Position No.	Player	Rank	PDQ-1	PDQ-2	PDQ-1	PD0-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ PEQ-SE
	ADA										
M/T8381 M8382 M9383 M9384 MA385 MA386	Operations Off Asst Ops Off Ops Sgt Asst Ops Sgt RTO RTO	04 03 E7 E6 E4 E4	D D D	D D D	D D D	D D D	D D D	D D D	ת מ נ	D D D D	E E E E
	AVN										
M83l ₁ 2 M83l ₁ 2 M83l ₁ 3 M93l ₁ l ₁ MA3l ₁ 5 MA3l ₁ 6	Avn Staff Off Asst Avn Staff Off Avn Safety Off (Optional) Ops Sgt Clerk Typist Lt Voh Drv	05 04 04 E8 E4 E3	ם ם ם ם	D D	D D D D	D D	D D D D D D	ם כ ס	D D D D	D D	EE
	EVALUATOR CAT										
M2381 M2341 M2382	ADA (D) AVN (D) II ADA (N)	04									
M2342 M3381 M3341	AVN (N) II ADA (D) AVN (D) III	E7									
M3382 M3342	ADA (N) AVN (N) III	E7									6
											1
											10

Figure 2-38. Player questionnaire completion schedule. (G3 (ACE) (ADA/AVN).

Subsystem:	G3 (TASE-WX/R5S)		T:	ues ***0	Tu We		We Th	Ta	- 8	hur ri	***	***
Position No.	<u>Player</u> TASE	Rank	P00-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SK
M8361 M8362 M6T8363 M8364 M8365 M9366 M9367 M9368 M/T9369 MA368 MA36B MA36B MA36B MA36C MA36C MA36C MA36C	Air INO Airlift Ops Off Fighter Ops Off Recon Ops Off Asst G3 (Air) Ops Sgt Gnd Radio Commo Tech Air Ops Supv Gnd Radio Commo Driver Gnd Radio Commo Driver Gnd Radio Commo Driver Gnd Radio Commo Driver Gnd Radio Commo Driver Gnd Radio Commo Driver Gnd Radio Commo Driver Gnd Radio Commo Driver Admin Spec Supply Spec RTO RMS	0044447665444444444444444444444444444444		D D	םמסמממממממממ	D D		D D	000000000000000000000000000000000000000	ם	E	
M8231 M8232 M9233 M/T9234	R&S Off Asst R&S Off R&S Intel Sgt R&S Intel Sgt	04 03 E8 E7	D D D	ם ם ם	D D D	ם ם ם	D D D	ם ם ם	D D D	D D D	MEME	四四四四
M8281 M8282 M9283 M9284 MA285 MA286	Staff WX Off WX Off Forecaster C Observer WX Observer WX Observer	E E OS OS O3	ם ם ם ם		D D D D		D D D D		D D D D		***	
M/T2361 M/T2231 M2362 M2232 M3361 M3231 M3362 M3232	TASE-WX(D) RAS (D) TASE-WX (N) RAS (N) II TASE-WX (D) RAS (D) III TASE-WX (N) RAS (D) III TASE-WX (N) III	O4 E8 E7 E5		٠								

Figure 2-39. Player questionnaire completion schedule, G3 (TASE-WX/R&S).

Subsystem:	G3(FSE/CML)		1	lues	14.	led	Т	hur		Fri		
			***	c#:#:#: 1	QUES	TION	HAIR	ES***	***	***	***	****
Position Number	Player	Rank	1-pgq	2-5ca	P0Q-1	2-bcd	PDQ-1	Ppq-2	FCQ-1	PDG-2	PEQ.	PEQ-SR
M/T8371 M8372 M8373 M8374 M8375 M9376 M/T9377 M9378 M9378 M9379 M937A MA37B MA37B MA37D M/TA37E M/TA37F	FSE FS Coord AsstCholberg DFS Coord AsstGorreli NFA Intel OffTate D Target AnalystSmith N Target AnalystSpencer N Intel SgtSuzuki (7) D Ops SgtMansker (7) NC Fire Dir CeptrSweat (6) D Asst C Fire Dir Ceptr Henry (5) Radio TT Tm ChMorris N Clerk TypistJones Radio TT OpGalruiz Radio TT OpJones D Lt Veh DrvMota	05 04 04 03 03 E8 E7 E6 E5 E4 E4 E4 E3 E3	מממממם ממממממ	ם ם טס	00000000000000	D D D	D D D D D D D D D D D D D D D D D D D	ם ם ם	000000000000000000000000000000000000000	D D D	שאנו שני	ELTERN FILE
M8351 M8352 M8353 M9354 M9355 119356 M9357 M9358 M9359 MA35A	CHEM Div Cml Off (Optional) Burke Asst Cml OffParker Cml Staff OffLeyes Cml Ops Sgt PlotterCox Plotter (Optional)Morril ComputerCurley Cml Staff SpecEvans Cml Staff SpecSilverblade Clerk TypistBanrama	05 03 03 E8 E7 E7 E6 E5 E5	00000000	םםםם	0000000	D D D	D D D D D D	0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ם ח ח	EHE	0
M/T2371 M/T2351 M2372 M2352 M3371 M3351 M3372 M3352	FSE (D) Cm1 (D) FSE (N) Cm1 (N) FSE (D) Cm1 (D) Cm1 (D) FSE (N) Cm1 (N) FSE (N) Cm1 (N) FSE (N) Cm1 (N) FSE (N)	04 										

Figure 2-40. Player questionnaire completion schedule, G3 (FSE/Cml). 99

Obsystam	G3(CE/ENG)		1	ues ***	Mic		TI	ed hur		Tnu: Fri		***
Position No.	<u>Player</u>	Rank	PDQ-1	P DQ - 2	PDQ-1	PD0-2	PDQ-1	PDQ-2	P5Q-1	PDQ-2	PEQ	P : Q - S : Q
M8391 M8892 M8393 M9394 MA395 MA396 MA397 MA398 MA399	ADSO Radio Off Tel & TT Off C Sig NCO Clerk Typist Sig Op Inst Clerk Sig Op Inst Clerk Lt Veh Drv Lt Veh Drv	04 03 02 E8 E4 E4 E3 E3	0 0 0 0 0 0	D D D	D D D D D D D D D D	D D D	D D D D D D D	D D D D	D D D D D D D	D D D	E E E	EE
M83A1 M83A2 M83A3 M93A4 MA3A7	Div Eng (Optional) Asst Div Eng LNO Cbt Const Foreman Gen'l Draftsman(Optio Lt Veh Drv Lt Veh Drv	05 04 03 E8 nal) E4 E3 E3	000000	D D	000000	D D	D D D D D D	D D	D D D D	D D	E E	EE E
M23A1 M2391 M23A2 M2392 M33A1 M3391 M33A2 M3392	EVALUATORS Engr (D) CE(D) II Engr (N) CE (N) II Engr (D) CE (D) III Engr (N) CE (D) III III III III III III III III III I	03 03 E7 E7						·				
.*												
-O		,										

			T	ues		e s d	We	ed nur		Thur Fri		
Subsystem:	G4	19	***	****	**QU	EST	IONN	IAIR	ES*	***	***	
Position No.	Player	Rank	PDQ-1	P DQ-2	PDQ-1	PDQ-2	P0Q-1	2-ùa4	P0Q-1	P00-2	p E Q	PEQ-SP
07401	G4	05		D		D		D		D	E	φ ^E
	ADMIN											•
M8411 M8412 M8413 M9414 M9415 M9416 MA417 MA418 MA419 M941A M841B	Asst G4 Asst G4 Asst G4 (Optional) C Supply Sgt Asst C Sup Sgt Secy Steno Clerk Typist Clerk Typist Lt Veh Drv Food Svc Supv (Optional Food Svc Tech (Optional	04 04 03 E9 E8 E5 E4 E3) W0	0000000000	D D D D	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	D D D D	D D D D D D D D D D	D D D D D	D D D D D D D D	D D D	EEEE	וין ושקשעון ויין
	DTO	,									_	
.8421 M8422 M9423 MA424	Div Trans Off Mvmt Cont Off Mvmt Supv Mvmt Spec	04 03 E8 E4	D D D	D D	D D D	D D	D D D	D D	D D D	D D	E	O E
01401 M2411 M2421 M2422 M3411 M3421 M3421 M3422	G4 I Admin (D) Trans (D) II Admin (N) Trans (N) II Admin (D) Trans (D) III Admin (D) Trans (D) III Admin (N) Trans (N) III	05 04 03 E8 E8						re.		219		5
•	g · · · · ·											0

Figure 2-42. Player questionnaire completion schedule, 64.

		Т	ues	•	e s d	We Th	dur		Thur Fri	•1	
Orbsystem: Div Alt G1/G4		***	***	*QU	EST	MOI	AIR	ES*	****	***	***
Position No. Player Gl Alt	Rank	P D Q - 1	P D Q - 2	PDQ-1	PDQ-2	1-004	PDQ-2	P00-1	PDQ-2	PEQ	PEQ-SR
A8G11 Asst G1 A9G12 *Pers Mgmt Supv A9G13 Ops Sgt	03 E7 E7			D	D	D D D	D D	D D D	D D	E E	mmm
G4 Alt											
A8G41 *Asst G4 A9G42 Support Sgt AAG43 Lt Veh Drv	03 E7 E3					D D D	D D	D D	D D	E	E
*Lt Augmentation Member	rs										
A2G11 **G1 ALT (D) A2G41 **G4 ALT (D) I A2G12 G1 ALT (N)	03 1 03										
A3G11 G1 ALT (D) A3G41 G4 ALT (D) I A3G12 G1 ALT (N)	E7 III E7										
**Evaluator for Light Augmentation.											
•											
. 6											
O						7					
Flaure 2-43 Player que	stionnaire comp	l leti	on s	chedu	ıle,	Alt	Ğİ.	G2	. i	24	i

			T	ues	Tu We	es d		ed		Γl.uπ Fri	,	
Subsystem	: DIV ALT (G2-BICC, S	S/EWE,	***	****	⁺*QU	EST	IONA	AIR	ES*	****	***	
Position No.	Player	Rank	1-00	2-00	Q-1	2-5	0-1	9-2	5	9-2	~	10 10 10
	G2/ALT		P D	P D(P D(PD	P D C	PD(PD	PDC	P E Q	Ca.
A8G21 A9G22 A9G26	*Intel Off *Intel Sgt *Ops Spec	03 E7 E5			D D D	D D D	D D	D D D	D D D	D D D	E E E	Q.
	BICC ALT						5					
A8G71 A9G72 A9G73 A9G74	Intel Off *Intel Analyst Intel Analyst Intel Analyst	02 E5 E5 E5			D		D D D	D	D D D	D	E	EL .
	SS/EWE ALT											!
A9G81 AAG82 A9G85 A9G86 A9G87	Signal Analyst Traffic Analyst Radio TT Tm C Radio TT Op Radio TT Op	E5 E4 E5 E4					0 0 0 0	D D	0 0 0 0	D D	E	E
<u> </u>	G3 ALT	·										0
A8G31 A3G32 A9G33 AAG34 AAG35 A8G37 A9G38 A9G39 A8G61 A9G62	*Asst G3 *Asst G3 *Asst G3 *Ops Sgt Hvy Veh Drv Lt Veh Drv ADA LNO ADA Liaison Sgt Lt Veh Drv Asst Air LNO Gnd Radio Comm Rep	04 03 E7 E4 E3 02 E6 E5			D D	D D D		D D D	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	D D D	ÉEE	EEE
1041	FSE ALT	. 24	==					~ ~~	_			
A8G51 A8G52 A9G53 A9G55 A9G55 A9G56 AAG57 AAG58 A9G59	*FSC - Asst FSC - Asst *FSE Ops Sgt Chief FD Cmptr Lt Veh Drv Team Chief Radio TT Op Radio TT Op Veh Drv Veh Drv	04 03 E6 E3 E4 E3 E3			D	D D		ם ט ס ס	0 0 0 0 0 0 0 0 0 0	D D D	EEEE	E E
	ht Augmentation Membe	nc						1				

*Light Augmentation Members

Figure 2-43. Player questionnaire completion schedule, Alf G1, G2, G3, G4.

				T	ues	Tu We	es d	We	ed nu r		ihur Fri			!
Osystem:	Div Alt (G2/G3) (Cont)	•	***	****	*QU	EST	I ONN	AIR	ES*	* * * *	***	***	1
Position No.	EVALUATORS	CAT	Rank	P DQ - 1	PDQ-2	P0Q-1	P.09-2	P52-1	PDQ-2	1-004	P00-2	PEQ	P10-59	
A2G31 **G3 A2G22 **G2 A2G32 **G3 A3G21 G2 A3G71 BI A3G31 **FS A3G22 G2 A3G7? BI A3G32 **G3 A3G52 **FS **Ev au OTE: T e A3G11 G1 A3G21 G2 A3G41 G4 A3G12 G1 A3G22 G2 A3G22 G2	E ALT (See NOTE) (D -SS/EWE ALT (N CC ALT (N	II III	ug- 1, e he											The same of the sa
Finur	re 2-43 (cont). Player	auest i o	nna ir e	com	oleti	on s	ched	lule.	A!+	G1	G2	GZ.	C1	1

					ues	We		1	ur		ihur Fri		
Subsystem Position No.	: Div Sig Bn <u>Player</u>		Rank	- bod-	P0Q-2	PDQ-1 65*	EST	PDQ-1	Pro-2	ES**	PDQ-2	PEQ	PEQ. 58
Olfol M/TBMX1 CBFX1 ABGX1 DB9X1 BCBX1 EBNX1	N-O-N-E EVALUATORS Div Sig Off Div Main Bde Div Alt Div Arty Bde Control/DISCOM	CAT I II II II III III III III	05 04 E7 04 04 E7										
NOTE: The	se evaluators co IIR End of Test	mplete <u>on</u> Reports.	ly										(i)
										39 10			•
	ure 2-44. Plaver q	uestionnair	_										

0:				1	ues ***	We		TI	ed nur		Thur Fri	***	***
Position No.	: Div Arty(Cmd G	iroup)	<u>Rank</u>	PDQ-1	PDQ-2	PDQ-1	P5Q-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
07901 D8902 D9903	Div Arty Cdr XO CSM (Optional)		06 05 E9		D D		D D		D D		D D	0 E E	С
	EVALUATOR	CAT											
ญ์ 901	Div Arty Cmdr	I	05										
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Figu	re 2-45. Player que	estionnal	re comple	tion	sche	aule	, DI	∨ A r	iy C	Jilla (, (enid (7
			No.		,								

			т	ues	Tu	es	53.50	ed nur		Thu: Fri	• '	
Subsystem	: Div Arty(S1/S4)		***	***	**QU	EST	IONI	AIR	ES*	***	***	0
Position No.	Player S1/S4	Rank	P DQ - 1	P DQ - 2	P00-1	PDQ-2	P0Q-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
D8911 D9912 DA913 DA914 DA915 DA916 D8940	S1 Pers Stf NCO Legal Clerk (Optional) Clerk Typist Clerk Typist Radio Op Radio Op S4	04 E7 E6 E4 E3 E3	D D D D D D D	D D	D D D D D D	D D	D D D D D D D D	D	D D D D D D	D	E E	E
	EVALUATORS CAT											
D2911 D2912 D3911 D3912	S1/S4 (D) II S1/S4 (N) II S1/S4 (D) III S1/S4 (N) III	04 02 E7 E7										
 -												0
						-						
						·						
	,											•
									11			
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												*
						1						
												0
	41.											

				Т	ues	Tu We	es	We	ed nur		Thur Fri		
Obsystem	Div Arty(S2/TGT	ACQ	PLT, BIO	***	****	**QU	EST	IONN	MAIR	ES*	* * * *	***	***
Position No.	Player S2/TGT ACQ PLT		Rank	P DQ-1	P DQ -2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-52
D8921 D8922 D9923 DA924	S2 TGT Acq Plt Ldr Intel Sgt RTO		04 03 E8 E3	D D D	D D D	D D D	D D D	D D D	D D D	D D D	D D D	E E E	E
•	BIC												ľ
D\$9B2 D99B3 D99B4	BIC OIC Intel Sgt Intel Analyst		02 E6 E5	D D D	D D	D D	D D	D D D	D D	D D D	D D	E	
	EVALUATORS	CAT									!		
D2921 D2922 D3921 D3981 D3922	S2/BIC (D) S2/BIC (N) S2 (D) BIC (D) S2 (N)	II III III	02 02 E7										
BZ	BIC (N)												
	54 H												
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F	igure 2-47. Player	quest	ionnaire com 108	plet	ion S	ched	ule,	Div	Arty	, S2.		+:	

			7	ues	Tu We	es d	We	ed nu r		Thui Fri	ſ	
Subsystem:	Div Arty(S3)	6-1	***	***	**QU	EST	IONN	AIR	ES*	****	***	0
Position No.	<u>Player</u>	Rank	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	P.C. 9.52
D895E D895G D895G D8951 D895H D9952 D9953 D9954 D9955 DA956 DA956 DA957 DA958 DA959 DA958 DA959 DA958	Asst S3 Asst S3 Cml Off Op Sgt Asst Op Sgt Ch FD Comptr Cml Stf NCO Clerk Typist Clerk Typist Sr Radio Op Radio Op RTO RTO RTO Plans C-E	05 04 04 03 E8 E7 E6 E4 E4 E3 E3 E3 E3	D D D D D D D D D D D D D D D D D D D	D D D D D D	0000000000	ם מממממ	00000000000	D D D D D	D D D D D D D D D D D D D D D D D D D	D D D D	E E E E	E GE
.8980	Comm Off	04	D	D	D	D	D	D	D	D	E	0
D2931 D2932 D3931 D3932	EVALUATORS CAT S3 (D) II S3 (N) II S3 (D) III S3 (N) III	04 04 E7 E7										ú,
												10
			53									
Figure	2-48. Player questionnaire	complet	on s	ched	ule,	Div	Art	, S3.				

				Т	ues		es d	W e	ed		Thur Fri		
Obsystem:	DISCOM (Cmd Gi	rp)		***	****	**QU	EST	IONN	IAIR	ES*	***	***	***
Position No.	<u>Player</u>		Rank	PDQ-1	P DQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	1-00d	PDQ-2	PEQ	P! ()-58
07A01 S8A02 S9A03 SAA03	Commander XO CSM Lt Veh Drv		06 05 E9 E4		D D		D D		D D		D D	0 E E	0 E
NOTE:	FASCO & FASC in the Bde S4 (only) purpos	for eva	placed luation										
	EVALUATOR	CAT											
01A01	DISCOM CO	I	05										
0													
•									·				
•								•					
Q.									1				
	Figure 2-49. P1	aye r quest	ionnaire d	omp l	etlo	n sci	hedu!	e, [1sco	M Co	md G	р.	

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				ues	We		TI	ed hur		Thu Fri		
Subsystem	: DISCOM(S1/S2/S3/S4)		***	***	۱ **وز	JEST	ION	NAIR	ES*	***	****	O
Position No.	<u>Player</u>	Rank	PDQ-1	PDQ-2	P00-1	P0Q-2	PDQ-1	PDQ-2	PDQ-1	P5Q-2	PEQ	PEQ-SR
\$8A11 \$8A61 \$9A12 \$AA14 \$AA17 \$9A14 \$9A13	S1 ADP Ops ORR (Optional) Personnel Staff NCO Clerk Typist Lt Veh Drv AC Council Supv Info Specialist	04 04 E7 E4 E3 E8	000000	D D	000000	D D	D D D D D D	D D	D D D D D D D	D	E	E 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	<u>\$2</u>											
S8A21 S9A22 SAA24	S2 Intelligence Sgt Lt Veh Dr	04 E8 E3	D D D	D D	D D	D D	D D D	D	D D D	D	E E	Ε
	<u>\$3</u>											
\$8A31 \$8A32 *8A33 \$9A34 \$9A35 \$AA36 \$AA37 \$8A71 \$9A72	S3 Asst S3 LNO Ops Sgt Asst Ops Sgt Clerk Typist Lt Veh Drv Cml Staff Off(Optional) Cml NCO (Optional)	04 03 03 E9 E8 E4 E3 03 E7	00000000	0 0 0 0	D D D D D D D D D	0 0 0	0 0 0 0 0 0 0	D D D D	00000000	D D D	EE	E
	<u>\$4</u>											ν.
S8A41 S8A42 S9A45 S9A46 SAA43 SAA48 S8A43 S9A44 S8A47 S8A48	Asst S4 Log Sgt Asst Log Sgt Clerk Typist Lt Veh Drv Food Svc Tech (Optional) Food Svc Supv DA0 Asst DA0 (optional)	04 03 E8 E7 E4 E3 W0 E7 W0	00000000	ממסם	D D D D D D D	0000	D D D D D D D D	D. D D	0000000	D D D	EEE	E E
												0
F i g	ure 2-50. Player questionnair	e comp!	etlo	n sc	l hedu	e, c	ISCC	ļ M st	aff.	P. \	Sta	++

Position No. EVALUATORS CAT Rank S2A11 S1 (D) 03 S2A41 S4 (D) 11 S2A12 S1 (N) 03 S2A22 S2 (N) 11 S2A22 S2 (N) 11 S3A21 S2 (D) 03 S2A31 S3 (D) 11 S3A41 S4 (D) 11 S3A41 S4 (D) 11 S3A41 S4 (D) 11 S3A41 S4 (D) 53 S3A12 S2 (D) S3A32 S3 (N) 11 S3A42 S4 (N) 11 S3A42 S4 (N) 11 S3A42 S4 (N) 11 S3A42 S4 (N) 11 S3A42 S4 (N) 11 S3A42 S4 (N) 11 S3A42 S4 (N) 11 S3A42 S4 (N) 11 S3A42 S4 (N) 111 S3A42 S4 (N) 111 S3A42 S4 (N) 111 S3A42 S4 (N) 111 S3A42 S4 (N) 111 S3A44 S4 (D) S3A42 S4 (N) 111 S3A44 S4 (D) S4A44			:	T	ues _.	Tu We	e s d	We	ed nur		Thur Fri	•		
S2A11 S1 (D)	Tubsyste	m: DISCOM(S1/S	52/\$3/\$4)(c	ont) ,	***	****	**QU	EST	10N1	AIR	ES*	****	***	***
\$241	Position No.	EVALUATOR	<u>CAT</u>	Rank	PDQ-1	- 00	-00	- <u>DG</u> -	-00	- 60	-ùa	- ò a	LLI	-5
	\$2A41 \$2A12 \$2A12 \$2A21 \$2A22 \$2A32 \$3A11 \$3A21 \$3A41 \$3A41 \$3A42 \$3A32 \$3A32	\$4 (D) \$1 (N) \$4 (N) \$2 (D) \$3 (D) \$2 (N) \$3 (N) \$1 (D) \$2 (D) \$3 (D) \$4 (D) \$1 (N) \$2 (N) \$3 (N) \$4 (N)	1 I I I I I I I I I I I I I I I I I I I	03 03 03 E7										
Figure 2-51. Evaluator questionnaire completion schedule, DISCOM.	0	Figu r e 2-51. E		1	comp	letic	on so	chedu	ıle,	DISC	OM.			

				Т	ues	Tu	es		ed nu r		Thur Fri		
Subsystem:	Bde(Cmd Grp)			***	****	**QU	EST	IONI	AIR	ES*	****	***	O,
Position No.	Player		Rank	PDQ-1	P DQ - 2	P5Q-1	P0Q-2	PDQ-1	PDQ-2	PDQ-1	PUQ-2	PEQ	PEQ-SR
07B01 B8B02 B9B03 BAB04 BAB05	Bde Cdr XO CSM (Optional) Lt Veh Drv Lt Veh Drv		06 05 E9 E3		D D		D		D D		D D	0 E E	O AE
	EVALUATOR	CAT											•
01801	Bde Cdr	Ĭ,	05										
			٠										
	•		·										
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													Ø •
													*
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	Figure 2-52. Pla	yer quest	7-04	comp	letio	on s	chedu	le,	Bde	Comd	Gp.	and.	t
			11,3		. 7								

			1	ues	We		T	ur		Thur Fri		
Oibsystem:	Bde (S1/S4-FASCO)	•	***	* * * * 	r*QU I	EST	i oni	AIR I	ES*1	*** 	***	***
Position No.	<u>Player</u> <u>Sl</u>	Rank	PDQ-1	PDQ-2	PDQ-1	P.C 2	PDQ-1	2-0Gd	FDQ-1	PDQ-2	င် ယ ရ.	PEQ-58
B8B11 B9B12 BAB13 BAB14 B9B15	Pers Off Pers Staff NCO Clerk Typist Lt Veh Drv AC Coun Supv (Optional)	04 E7 E4 E4	D D D D	D D	D D D D	D D	D D D D	D D	D D D D	D D	E E	E
•	<u>FASCO</u>											1
S8A51 S9A52 SAA53	FASCO (from DISCOM) FASC NCO (from DISCOM) Lt Veh Drv (from DISCOM	04 E7 I) E4	0 0	D D	D D D	D D	D D D	D D	D D D	D D	E	E E
	<u>\$4</u>											
B8B41 B8B42 B8B43 B9B44 AB45 AB45 BAB47 BAB48	Log Off (S4) Asst Log Off Food Svc Tech (Optional Chief Sup Sgt Sup Spec Food Svc Sup (Optional) Sup Clk Per Car Drv	E 8 E 4	0000000	D D D	0000000	0000	0 0 0 0 0	D D D	D D D D D D	D D D	EEE	Е
	EVALUATORS CAT											
B2B1! B2B12 B2B12 B2B42 B3B11 B3B41 E3B12 53B42	S1 (D) S4-FASCO (D) II S1 (N) S4-FASCO (N) II S1 (D) S4-FASCO (D) III S1 (N) S4-FASCO (N) III	04 03 E7 E7										
	2.63	complet L		bodu		Rdo	s 1 / s	1				

				Т	ues	Tu We	es d	We Th	d		Thur Fri		
	Subsystem:	Bde(S2/BICC, S3 Ops, S3	Plans),	***	***	*จุบ	EST	ANGI	AIR	ES*	***	***	0
	Position No.	Player S2/BICC	Rank	PDQ-1	P D Q - 2	PDQ-1	2-504	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-58
	B8B21 B9B22 B9B23 B9B24 BAB25 BAB26 B8B91 B9B92 B9B93 B9B94 B9B95 B9B96 BAB97 BAB98 BAB99	Intel Off Asst Intel Off Intel Sgt Asst Intel Sgt Pers Carr Drv Lt Veh Drv BICC Off Plt Sgt Intel Sgt Intel Sgt Intel Analyst Intel Analyst Intel Analyst Intel Analyst Intel Analyst Intel Analyst Intel Analyst Intel Analyst Intel Analyst Intel Analyst Intel Analyst Intel Analyst	04 03 E8 E7 E4 E3 03 E7 E6 E5 E5 E4 E4	0000000000000	םם םם .	0000000000000000	D D D D	D D D D D D D D D D D D D D D D D D D	D D D	ם כם ם ם ם ם ם ם ם ם	D D D D	EEEE	، المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية الما
	0021	S3 Ops	0.4	•								F	
	8831 88833 88836 89834 8A837 8A838 8A838 8A838 8A838 8A838 8A835 8A830 8A830	Ops Off Asst Ops O (Air) LNO Ops Sgt Op Asst Sr Radio Oper Pers Carr Drv Pers Carr Drv Lt Veh Drv(LNO) Voice Radio Oper Voice Radio Oper Lt Veh Drv	04 03 03 E9 E4 E4 E3 E3 E3	0000000000	D D	000000000000	D D	0 0 0 0 0 0 0 0 0	D	0000000000	D D	E	2
		S3 Plans	(1)										4
	B8BC2 B8BC6 BABC9	Asst Ops Off (Plans) Asst Ops Sgt (Plans) Clerk Typist	03 E8 E4	D D D	D D	D D D	O O	D D D	D D	D D	D D	E	Ε
		CE Section											*
	B8B51 BAB52	Comm Off Lt Veh Drv	04 E3	D D	D	D D	D	D D	D	D D	D	Ε	
1													0
		Figure 2-54. Player ques	tionnalr	e col	mple	ion	sche	dule	, Bd	e \$2	/ss.	/	34

					u e s	Ме		i	ur		inur Tri		
O	Subsystem: Position No.	Bde(S2/S3)(cont)	Dank.	***	-5	**QU	EST c ₂	I O N N	AIR	ES*	C.	***	**
		,	<u>Rank</u>	PDG	PDG	P D Q	PDQ	paq	៦០៤	0 G d	රිසි ය	PEQ	6.
		AVN											
2	B8B71 BAB72	Avn Off Acft Fuel Hand Spec	03 E4	D D	D	D D	D	D D	D	D D	D	Ε	
		CHEM											
A	B8B61 B9B62	Cml Off Cml Staff NCO	03 E7	D D	D	D D	D	D D	D	D D	D	E	
		TACP											
0	B7BA1 B8BA1 B8BA2 B8BA3 BABA1 BABA2 3ABA3	Air LNO Airlift Ops Off Fighter Ops Off Fwd Air Cntr Gnd Radio Comm Rpr Gnd Radio Comm Rpr Gnd Radio Comm Rpr	04 03 03 03 E4 E4	000000		0 0 0 0 0		D D D D D		000000		EEEE	
)	FSCC					1						
	B8B81 B8B82 B9B83 B9B84 BAB85	Fire Spt Coord (Optional Asst FSC/LNO LN Sgt LN Spec Pers Carr Drv	03 03 E6 E4 E4	D D D	D D D	D D D	D D D	D D D	D D D	D D D	D D D	E E	E
		EVALUATORS CAT											
	B2B21 B2B22 B2B31 B2B32 B3B21 B3B37 B3B81 B3B22 B3B82 B3B82	S2/BIC (D) II S2/BIC (N) II S3/FSC (D) II S2/BIC (D) III S3 (D) FSCC (D) S2/BIC (N) III S3 (N) FSCC (N) FSCC (N)	03 02 03 02 E7		· .								
		Ú						0.40					

Figure 2-55. Questionnaire completion schedule, Bde S2/S3.

Subsystem:	Bn(S1 ,S2-BIC ,S3 ,Sh)			ues	Tu We	d		ur	F	hur ri		
Position No.	Player	Rank	PDQ-1 ***	PDQ-2 **	PDQ-1-004	PDQ-2	PDQ-1	PDQ-2	PDQ-1 ***	PDQ-2 **	PEQ 0	
F8P11 F9P12	S1 Per Off Pers Staff NCO	03 E7	D D	מ	D D	n D	כ	D C	ט	D D		-
F9P13 F9P11, FAP15 FAP16	AC Coun Supv (Optional) Legal Clk Per Corr Drv Lt Veh Drv	E8 E6 E4 E3	D D D		סנפט		ດ ວ ດ)) ;			•
F8P21 F9P22 FAP23 FAP21 F8P91 F9P92 F9P93 FAP91	Intel Off Intel Sgt Clk Typist Per Car Drv BICC OIC Intel Sgt Intel Analyst Intel Analyst Per Car Drv	03 E8 E4 02 E5 E4	םםםםםםםם	ם מ מ		E. D	ם מ מ ם ם ם		מסמחחחח	ט ט ס	18 13 18 E	
F8P31 F8B32 F8P33 F8P34 F8P35 F9P36 F9P37 F9P61 FAP38 FAP39 FAP39 FAP3D FAP3D FAP3C FAP3C FAP3C	Ops Off Asst Ops Off Asst Ops Off (Air) LNO (Optional) LNO (Optional) Ops Sgt Asst Ops Sgt Cml Staff NCO (Optional) Ops Asst Clk Typist Per Car Drv Per Car Drv Sr Radio Oper Radio Oper Lt Veh Drv Lt Veh Drv Lt Veh Drv	04 03 02 02 02 02 02 02 02 02 02 02 04 04 04 04 04 04 04 04 04 04 04 04 04	םםםםםםםםםםםםםםםםםם	ם ם ם		ים מ	ממחממממממממממממממממממממממממממממממממממממ	ם מ ם מ		ם ם ם	EEE EE	•
Ų	Figure 2-56. Player q	uest l onr	naire	: com	p l et	ion s	sched	du l e,	Bn.			

Subsystem:	Bn Staff (cont)			ues	Tu.	j		Ur	ŀ	hur ri		
Position No.	Player	Rank	***!-0cd	PDQ-2 **	JES 1-004	61		2-006	1-003	P00-2	O I	13
	<u>C-E</u>				ļ							
FAPSI FAPSI FAPSI FAPSI FAPBI	Comm Off Mag Clk RATT In Ch RATT Op RATT Op Pers Carr Dry	03 E3 E4 E4 E1	D D	D	D D	Ð	ם כ	u)	7)	ע	*	
	TACP											
Pòpal F8PA2 FAPA3 FAPAL FAPA5	Air INO/FAC Fwd Air Cont Gnd Radio Corm Torm Gnd Radio Corm Torm Per Carr Dr.	03 02 E4 E4 E4	םפפפפ		2002		a a c a t				: d	
	FSCC											
Q1981 9982 FAP83 FAP84 FAP85	INO In Sgt Ln Spec Ln Spec Per Carr Drv	타 라 52 82 83	םםםםם	מם	מ מם מם מ	םם	ם ם ם ם ם	ם כ	ם ם ם ם	מ	មាល	
	<u>डो</u>			1 2.								
F8PLL F8PL3 F8PLL5 FAPL5 FAPL6 FAPL6 FAPL8 FAPL8 FAPL8	Log Off Spt Plat Ldr Mtr Off (Optional Supply Sgt Supply Clk (Optional) Supply Clk (Optional) Supply Spec (Optional) Supply Spec (Optional) Lt Veh Drv Lt Veh Drv	E E E E E E E E E E E E E E E E E E E	םהמסממחמה	ם ס ם	םםםםםםםםםם	ם ס ס	םמשמשמםם	םםם	פתחתחתחת	р р р	साक्षा है। इस	
	Reproduced from best available copy.	0										
0.	. (((,1)											

Figure 2-56 (cont). Player questionnaire completion schedule, Bn. 500

Subsystem:	Bn Staff (cont)			1		Tu We	d	•	ur		hur Fri	* ** + 1	re:
Position No.	EVALUATO.TZ	CAT	· <u>Rank</u>	PDQ-1	P00-2	P00-1	P00-2	PDQ-1	P00-2	P03-1	2-004	PEQ	
F2P11 F2P10. F2P12 Y2P12 Y2P12 F2P21 F2P32 F3P11. F3P21 F3P12 F3P12 F3P12 F3P22 F3P12 F3P22 F3P12	S1 (D) Sh (D) S1 (H) SL (H) SL (H) S3/FSCC (D) S2/FSCC (D) S2/FSCC (H) S2/FSCC (D) S3/FSCC (D) S1 (D) S2/FSCC (D) S1 (H) S2/FSCC (D) S1 (H) S2/FSCC (N) S1 (N)	II	03 01 61 E7 03 E6										
	1/1											()
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		•											~ ·
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ت	* ***		, ¬)

Figure 2-57. Questionnaire completion schedule, Bn.

0	Bunker #		Control Element	Position #
- Color	54		Corps ACE	ese41
	7-		Corps Ops	E5EL2
			Engr Bn (Div & Corps)	E6DE1
		Car Alc /	Corps PMO/MP Co Ops	E6DG1
		Car . 680	USAF (Corps)	E6DD1
			Avn Co (Div & Corps)	E6DF1
			Corps Support ((G1/G4)	E6DC1
			AG/Surg	E6EHC
O			DISCOM Bn's/MMA	E6DH1
			Aggressor	E6DB1
			Corps Intel	E5E71
4	56		Cav Sqdn	E6DN1
	70		Maneuver Bn's	E6DK1
			2d Bde	E6DI1
			3d Bde	E6DJ1
			TACP (Bn, Bde)	E6DP1
	57		Corps Arty Hq	E6DX1
			Corps Arty Ops	E6DY1
			DS Bn's (155 mm)	E6DQ1
			ADA Bn	E6DV1
			GS Bn (8 in)	E6DT1
			GS Rict Bn (HJ)	E6DU1
\bigcirc			Tgt Acq Plt	e6ewl
	58		Co's (1/85)	E6DM1
	ASA Van		ASA	E5E81

Figure 2-58. Controller position number roster.

EVENT	Admin Note: Inform TASE, 53d Div that a damaged F-4 will return across FEBA in the FT 1-85 sector in 08 minutes. Request that friendly AD be advised.	G3 corps artillery will send a message to S3 Div Arty requesting coordination for a corps artillery 8 is (SP) bn to move into an area. Arty controller will coordinate with maneuver controllers so that the position area conflicts with a support unit already positioned in that area.	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C C. Vic NL 1112 & NL 2913 B. Inbound D. S E. 3000 feet AGL	Rough terrain and cbt related damage to our Mll3 tracks and suspension systems are causing a shortage of track shoes and related tools necessary to repair the tracks. Track shoes, track connecting fixtures (5120-678-2793) and drift pins (5120-678-2795) are becoming critical. (Not a TF 1-85 event.)	Request convoy clearance for maintenance convoy evacuating cbt damaged vehicles and meterial. SP is 2d Bdetrains, SP time is 122030 hrs. Destination: Maintenance Collection Point, Division Rear.
MODE	生	RATT	АМ	£	TEL
Т0	TASE	S3, Div Arty	DACE	S4, 1st Bde	64 , DTO
FROM	DASC	G3, Corps Arty	LNO, 1-442	54, 1-89	S4, 2d Bde
ENTRY TIME	121800	121800	121805	121818	121837
# 3L	1802	1803	1810	1821	1829

Figure 2-59. Traceable events (extracted from Test 119 Scenario).

EVENT	Blackmarket activities in your division area seem to be rising. Aggressive action must be taken to stop this activity. Reports indicate soldiers are blackmarketing POL, food and clothing.	Refugees report bridge north of Iredell vic (PL 065393) has been prepared for destruction. They also noted construction type equipment being moved to high ground north of Iredell (F-2).	Fire Mission - fire counterbattery program.	PVT George D. Rowan's mother states he has not written her for 2 months. Mrs. Rowan wants to know if he is dead or alive. Rowan is in D, TF 1-85.	Request all units be advised that numerous final drive assemblies for Mli3 carriers have been damaged because of missing or leaking drain plugs in the bottom of each final drive. Plugs should be checked and tightened if necessary on a daily basis.	Refugee reports that loud explosions heard earlier were charges used to blow the highway and railroad tracks at PL 290340 (F2).	Request vehicle aug for the GR RC sec in our trains area. The Bde S4 is reluctant to provide space on resupply vehicles leaving this area for evacuation of deceased personnel. Section needs one 2 1/2 truck for evacuation of remains and personal effects.
MODE	RATT	Æ	RATT	RATT	TEL	Æ	TEL
TO	PMO, Div	G2, Div	S3, Div Arty	Gl, Div	S3, DISCOM	S2, Right Bde	S3, DISCOM
FROM	PMO, Corps	S2, Left Bde	G3, Corps Arty	Gl, Corps	53d Maint Bn	S2, Right Bn	Fw Cont Bde
ENTRY TIME	121853	121900	121938	122010	122031	122055	122057
TE #	1831	1835	1848	1861	1868	1871	1872

Figure 2–59 (cont). Traceable events (extracted from Test 119 Scenario). `

EVENT	FSE corps arty will send a message to FSE 53d Div for coordination of an all available TOT on a target within 500 meters of a lead element.	MPQ4A radar reports enemy arty location PL	CPT Ralph E. Rainey, C, 1-48 FA, has been relieved of command. He was caught smoking pot with a group of his men. Request disposition instructions on CPT Rainey.	Web gear, 9mm mauser rifle, concussion grenades and presumed personal letter and effects found on enemy KIA. Items tagged with time and location found by plt members. Request disposition.	Need 120 ea BA-30 batteries for immediate installation. Batteries on hand are extremely weak causing telephone communications problems.	Straggler Report on SGT Frank L. Wright, A/53d Engr.	All 2.75 FFAR must be exchanged for the new improved model NLT 130900SN0V73. Forward requirements to reach this has NLT 130300SN0V73.	I have four individuals who refuse to go out on patrol. Their rights have been read to them, and they realize what their actions mean. Request disposition instructions.
MODE	RATT	Æ	£	£	TEL	RATT	TEL	Ā
TO	FSE, Div	S2, Div Arty	S1, Div Arty	S4, TF 1-85	S4, Div Arty	SI, 1st Bde	DAO, 53d Div	S1, TF 1-85
FROM	FSE, Corps Arty	S2, DS Arty Bn	S1, 1-48 FA	Sct Plat, TF 1-85	S4, 1-46 FA	S1, FT 1-6	12 Spt Gp	Tm B, TF 1-85
ENTRY TIME	122100	122105	122113	122131	122144	122157	122159	122220
TE #	1875	1879	1880	1884	1886	1889	1891	1900

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Replacements are arriving without certain TA 50-901 items. Request the following items be provided this unit to replace deficiencies: 31 - Helmet, steel; 50 - Mattress, air; 24 - Mask, protective, Ml7; 78 - Pouch, ammo. Request CIF insure all individuals have complete issue before departing Div Rear.	Request convoy clearance for ammo resupply. SP is 1-46 trains, SP time: 130605 hrs, destination: ASP.	Have found a five acre field of marijuana vic (TBD). Request you investigate and dispose of this field.	Admin Note: (DISCOM, Bn Controller sends to S2, DISCOM) Intel controller, in coordination with support controller, enter event from subordinate bn S2 (maint bn or S&I bn) depicting suspected sabotage/guerrilla activity in div support area. Report that incendiary devices detonated in a DISCOM activity at 122240 and that these devices resist normal fire extinguisher efforts to extinguish. Suspect new-type flame-producing explosive, probably set with a time fuse.	TI of all M-ll Decom Apparatus in this bn indicates that most dispensers contain an expended CO ² capsule or are missing the cylinder all together. Approximately 40% of all M-ll's on our vehicles are inoperative because of CO ² cylinders. Request your assistance in acquiring replacement cylinders.
MODE	TEL	TEL	RATT	TEL	TEL
Т0	S4, Div Arty	S4, Div Arty	PMO, Div	S2, DISCOM	S4, lst Bn
FROM	S4, 1-49 FA	S4, 1-46 FA	Co, Res Bde	Maint or S&T Bn	54, 1-89
ENTRY TIME	122222	122255	122257	122300	122323
TE #	1902	1908	1909	1910	1916

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	I have a large number of soldiers who need new ID cards since they have been involuntarily extended. They are not being allowed to use field PX facilities due to expired cards. Request arrangements be made to renew approximately 15 cards.	Why can't we get chain link fence for standoff. Everytime I ask for it I get a run-around.	Straggler report on SGT Byrd E. Watcher, believed to be from B, 1-442 ADA (C/V).	Linecrosser from Kopperl (PL 4149) reports much artillery approximately 5km west of town. (F-6)	Request two additional 2 1/2 ton cargo vehicles be provided this unit. Trucks will be used to augment bde HHC transportation assets. Vehicles will be used to make administrative runs from the bde trains area to the div rear. Request vehicles be available at HHC, 2d Bde at 131545 hrs.	Hostile Aircraft Warning Air Defense Warning Red A. Few AC C. PL-1857 & PL 2756 E. 500 ft AGL B. Inbound D. S	Senator Scrooge plans to visit the division and wants to visit DISCOM during period 150800-161700. Request proposed ininerary.
MODE	Æ	TEL	RATT	RATT	TEL	AM	RATT
T0	S1, TF 1-85	S4, Bde	Gl, Div	G2, Div	рто	DACE	Gl, Div
FROM	Co A, 1-85	S4, TF 1-6	S1, 3d Bde	G2, 54 Mech Div	54, 2d Bde	LNO, 1-442	G1, Corps
ENTRY TIME	130013	130021	130045	130101	130146	130159	130214
TE #	1932	1933	1939	1949	1958	1963	1976

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Your 155mm/SRC/5KT must be returned to the 904th SASP at once for inspection. Replacement will be provided from inspected rounds when yours are turned in.	SIG SEC report (classified).	Float transmitters for AN/VRC-46 radio set depleted. Request contact team for on-site repair.	Group of refugees from Meridian state enemy has destroyed the bridge completely across the Bosque. Cannot cross over at this time. Refugees leaving Meridian due to lack of food and cruelty of enemy troops. Several civilians have been killed for failing to assist the enemy. (F2)	The people in my company have reported 7.62mm unserviceable ammo for the M60. The problems appears to be ruptured cartridges.	Request convoy clearance for resupply convoy from div Class II and IV supply point to 3d bde trains area. SP time 131800 hrs.	Request current locations of your div TCP's and current trace of MSR to include tie-in with corps MSR NLT 130800.
MODE	RATT	Courier	TEL	Σ	ΣE		RATT
Т0	DAO	62	S4, Div Arty	S2, Right Bde	S4, TF 1-85	S3, DISCOM	PMO, Div
FROM	Co, 12th Gp	ASA	S4, 1-49 FA	S2, Right Bn	C, TF 1-85	S3, S&T Bn	PMO, Corps
ENTRY TIME	130215	130302	130303	130310	130339	130400	130427
TE#	1977	3240	1986	1987	1993	9661	2005

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

		\mathbf{r}^{-}	=					775 Am													
	EVENT	Admin Note: (DISCOM bn S2 sends to DISCOM S2) (FM)	ler, enter event from maint bn or S&T bn S2 to DISCOM	Chebing bd man benefilla activity in div support area	arm/small caliber mortar fire on inctal.	vehicle parks, convoys; MSR: sabotage of bridges		Patrol vic PL 222355 reports ranid wice of the	Bosque River.	Admin Note: COSCOM control will control	or pickup instructions from the div for resupply of	be determined based upon current locations	of the div and COSCOM maintenance and resupply		i	PL 238430 122 HOW Btrys PL	222 Arty PL	급 :	3 BLFy PL 031539	Exceeding my ASR on 81mm mortar. Will need resumma	
1000	MODE	Æ						FM		RATT					RATT					Æ	1
Q L	2	S2, DISCOM						S2, Player Bn		64, 53d Div					S2, Div Arty					S4, 1st Bde	
FROM		Controller, DISCOM Bn						Co Controller		COSCOM					GZ, Corps Arty					S4, Mech Bn S	
ENTRY TIME		130500					2000	130530		130600					130000					130619	
TE #		5019					2000	\$707		2033				2040	0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1					 2047	

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Admin Note: The 53d Mech Div Hqs is being electronically jammed on the following nets from 130650 to 130729 Div CG Cmd Net, FM voice Div Ops Net, RATT Div TOC Net, AM voice VHF link Div Main to TAC CP Controller will not switch frequencies until instructed to do so by player net control or control hqs.	Request a consolidated list of all proposed NFL's in your div when final objectives have been taken.	Battery, BA-30 situation becoming critical. Rotation of batteries from minimum essential to essential equipment now in operation. Need 180 batteries for immediate installation on essential equipment.	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound E. 800 feet AGL C. PL 0371 & PL 2671 at 07.6	Four enemy aircraft passed over lead elements from north to south, at PL 272311.	Admin Note: Co Cdr, Player bn reports to S2 right bde on types of boobytraps encountered at 130731 hrs. Submit report in a reasonable period of time. (Include trip-wired grenades with CS-type gas).
MODE	E	RATT	E	АМ	Æ	Æ
T0	All Contr	S3, Div Arty	S4, Div Arty	DACE	S3, Right Bde	S2, Right Bde
FROM	ASA Control	G3, Corps Arty	S4, 1-49 FA	LNO, 1-442	S3, Right Bn	CO, Player Bn
ENTRY TIME	130650	130700	130707	130727	130730	130732
TE #	2054	2059	2067	2073	2075	2078

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Admin Instruction: Report to S3, DISCOM that four each 10,000 gal bladders, 1 - 350 gpm pump, 1 - 350 gpm filter separator, 30 feet of hose and three each refueling station arms heavily damaged or destroyed.	Sometime around 130600 Nov three civilians stole a 1/4 ton trk, B9 and its trailer, B10. Request that the div PMO be notified and a search be instituted for it. The vehicle had been locked, but the lock had been removed with bolt cutters. The vehicle has a VRC-47 on it.	We have a damaged F4 returning from an interdiction target on the deck. It will cross the FEBA on the deck vice left bn, left bn in 06 minutes. Request you advise ground elements.	Need the following CTA50-901 items lost or stolen by refugees. Directives against fraternization and measures for safeguards issued to troops. Sleeping bag - 19 ea Case, sleeping bag - 23 ea Poncho - 11 ea Canteen - 8 ea Mess kit - 9 ea	You must return your .5 and l Kt ADM's to this unit for inspection. Replacements will not be issued until after turn-in. This must be accomplished NLT 131400 hrs Nov 73.
MODE	TEL	Σ	生	Σ L	TEL
Т0	S3, DISCOM	S1, TF 1-85	TASE	S4, TF 1-85	DAO
FROM	S&T Bn	CO, Tm B TF 1-85	DASC	A, TF 1-85	9041 Ord Co
ENTRY TIME	130744	130759	130800	130808	130831
# 31	2080	2083	2086	2091	2098

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Observed enemy mech plat moving east to west vic PL 2437 at 130844. Engaging with arty.	Request one additional 2 1/2T trk to augment evacuation of deceased personnel from the forward collection points to the div collection point. Vehicle should report to div GRREG collection point at 131600 hrs. Vehicle will be needed for approximately 2 days.	Sir, Civilian was shot and wounded while trying to steal a 5 gal can of gas. Civilian being treated by medic and will be turned over to MP's.	Request AF lay smoke screen. Every time a vehicle becomes visible to the enemy he pours on arty. We need to blind him until we can close with him.	Forward elements report Bosque River fordable at this time. Water depth approx three feet. Current Im per second.	Cannot continue full-scale operation of the FSSP because of damage from air-strike. 2/3 of our fuel storage capability has been destroyed. Request at least 4 additional 5000 gal tankers be provided the div to augment operations until FSSP can be put back into full service.	Admin Note: (288 ASA Co sends to SSE/EWE, Div by RATT) Provide tentative location and ID of bn size unit. Location to be of interest to player bde.
MODE	Æ	TEL	RATT	Σ L.	Σ	TEL	RATT
Т0	S3, Right Bde	S3, DISCOM	S1, DISCOM	G3 Ops, Div	S2, Right Bde	S3, DISCOM	SSE/EWE, Div
FROM	S3, Left Bn	S3, S&T Bn	CO, 53d S&T Bn	S3, Left Bde	S2, Left Bn	S3, S&T Bn	288 ASA Co
ENTRY TIME	130845	130855	130917	130920	130959	131000	131015
TE #	2100	2105	נונז	2112	2120	2121	2127

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	I have had several troops ask me what is going to happen to their dependents' ID cards now that they have been involuntarily extended and their cards are expiring. What should I tell them?	Est Mech Co vic PL 3034.	Admin Note: Insert msg on possible sabotage of supplies.	Urgently need communications contact team to work on transmitters for AN/VRC-46 radio sets. This is a follow-up request.	A damaged F4 will cross into friendly territory vic PL 0435. Request ground units be advised that the aircraft (ETA 131254 Nov) is friendly.	One of my men, SP4 Harry Hopkins, 291-30-7422, just shot and killed an unidentified civilian who was stealing C-rations from our combat trains. The civilian fired at Hopkins once with a pistol. Request PMO investigate to clear my guard.	Admin Note: Submit location of U/I bn CP.	Packaged MOGAS arriving from Class III in damaged 55 gal drums with approx 40% loss of fuel. Need 5 drums of fuel to replace lost fuel.
MODE	E	Ā	RATT	Σ	¥	Σ	RATT	Σ
T0	Sl, 1st Bde	S2, Right Bde	62, Div	S4, Div Arty	TASE	S1, TF 1-85	SSE/EWE	S4, TF 1-85
FROM	Co, TF 1-6	S2, Right Bn	G2, Corps	S4, 1-49 FA	DASC	CO, A, 1-85	288 ASA Co	B, TF 1-85
ENTRY TIME	131028	131045	131126	131229	131248	131254	131300	131313
TE #	2134	2139	2149	2165	1712	2174	2175	2186

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Admin Note: (288th ASA Co sends to SSE/EWE by RATT.) Provide report to the effect that aggressor units are being told to handle CB munitions with extreme care in the field to avoid accidental discharge.	Request assistance in obtaining new CVC helmets. Maint DSU says they should be turned in. We have approx 15 that are unserviceable.	Recommend 10% of all 5T trks in the div be withheld from operation each day. We're building up a maint backlog and supply units are running them into the ground.	Straggler report on SGT Chester A. Arthur, 366th Cml.	Four more pers from your unit, this time from D, TF 1-85 mech, have arrived for separation. This is the second time pers from one of your units have arrived for separation since all personnel were involuntarily extended for 120 days. Take appropriate action to keep this from happening again.	Request 2 additional vehicles, 2 1/2T or 5T SP, to assist in resupply of the bn. Our organic trans is committed. Vehicles should report to the bn trains area at 140600. Vehicles will be needed until mission requirements are met, approximately 4 days.
MODE	RATT	距	弡	RATT	TEL	TEL
10	SSE/EWE, Div	S4, 1st Bde	\$3, DISCOM	S1, DISCOM	Sl, 1st Bde	DTO
FROM	288 ASA Co	S4, Bn	Maint Bn	S1, 53d S&T Bn	AG, Div	S4, 1-442
ENTRY TIME	131313	131326	131339	131358	131441	131455
TE #	2187	2188	2191	2198	2224	2229

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Have found the following: 2 tons medical supplies (approx) 6 tons ammo (all small arms) 1 ton wpns and repair parts 9 tons Need trans to move items.	Current stock of IBM cards has been completely ruined due to a water leak. Request highest priority be given to replenishment of stock. Without these cards, the replacement system requisitioning and assignments cannot be made.	One of our units has discovered a quantity (8) of cylinders with foreign markings. Only identification is skull and cross-bones on one cylinder. Request assistance in identification and evacuation.	In contact with est company vic PL 255400.	Request for 12 softball bats, 30 softballs, 3 volley-ball nets and 4 volleyballs for bn A&R program.	Congressional inquiry from Senator Corn Pone reference nonpayment of debt owed by SFC Herb A. Jackson, HSB, 1-49 FA to Ima Crook Jewelers.	Est that this bn is presently faced by major elements of an agg mech bn.
MODE	TEL	TEL	1 E	Æ	TEL	RATT	Æ
T0	S4, 1st Bde	Gl, Div	64, Div	S2, Right Bde	S1, DISCOM	SI, Div Arty	S2, Right Bde
FROM	54, 1-89	Ag, Div	S4, 3d Bde	S2, Left Bn	S1, 53d Maint Bn	AG, Div	S2, Left Bn
ENTRY TIME	131515	131518	131531	131545	131603	131609	,31610
TE #	2237	2239	2242	2245	2248	2251	2252

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Corps units have been experiencing many 105mm, main gun, M-60 tank, expended cartridges being stuck in the tube. Request a sample of the rounds and one of the gun tubes be made available to the 2100 hvy equip maint co contact team. Maint pers will check both ammo and tube to try to resolve problem.	Request one 2 1/2T trk be provided this unit for the evacuation of captured supplies. At present, we are using organic trans. However, vehicle D/L and mission requirements necessitate an augmentation for evacuation of captured material. Vehicle should report to our trains area at 140700. Need vehicle approx 2 days.	Admin Note: Consider request for immediate air strike on Flat Top Mountain (PL 1145). Coord for arty fire missions.	Admin Note: Submit by courier to div G2 msg and photos reference photo of missile site vic Granbury.	Admin Note: (IPW Tm, Rt bde sends to S2, Rt Bde by MSGR). Submit IPW report on SGT captured at 131620 Nov indicating that his bn was to make a passage of lines and break contact and proceed north to an assembly area.	Have 14 ea 4.2 HE misfired rounds, lot#LOP 53-8. Request you replace this lot with new lot.	Agent reports agg agents plan to use females hitch- hiking to entice trk drivers to stop on road, then hi- jack supplies and kill driver.
MODE	RATT	TEL	Σ L	Courier	MSGR	Σ	RATT
T0	G4, Div	DT0	DIV TASE	G2, Div	S2, Right Bde	S4, TF 1-85	62, Div
FROM	G4, Corps	S4, 1-24 Cav	S3, Left Bde	G2, Corps	IPW Tm, Right S2, Right Bde	D, TF 1-85	G2, Corps
ENTRY TIME	131620	131655	131700	131700	131715	131717	131728
TE #	2253	2263	2265	2266	2268	5269	1722

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

			- NI			
EVENT	Advise ground elements that friendly interceptors will be engaging enemy air to north of 53d div. Fire at enemy air but not ours.	Hostile Aircraft Warning Air Defense Warning Red A. 4 A/C C. PL 0734 E. 1000 feet B. Inbound D. South	The corps CofS went through Gatesville today and observed two TCP's in town. At one TCP, pers were asleep, and at the second TCP, one MP had his helmet and shirt off and another needed clean fatigues and a shave. Straighten up the appearance and functioning of your TCP's.	Guerrilla activity continues in rear area. Mail trk found burning, 2 US KIA. Appears to have blown up. Suspect explosive device possibly thrown into trk from roadside or at stop.	Admin Instructions: Report, to S3 DISCOM, that 2 M-127 S&T were destroyed by air strike at 1750. They contained 50% of the ASL.	My C company sent some people back to the bath point and were turned away. Can't afford to release people to return to the rear and have them waste time. Req some type schedule be set up for the point.
MODE	Ŧ	Æ	RATT	RATT	TEI.	TEL
T0	TASE	G3 Ops, Div	PMO, Div	62, Div	S3, DISCOM	S4, 1st Bde
FROM	DASC	S3, Left Bde	PMO, Corps	G2, 53d Mech	Maint Bn	S4, Bn
ENTRY TIME	131744	131750	131755	131800	131802	131829
TE #	2276	2280	2282	2291	2293	2298

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

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EVENT	Req 2 additional 2 1/27 trks to assist in moving troops and supplies between the bde trains and fwd elements. Req trucks report to 3d bde trains at 140530. Trks will be needed for 5 to 7 days.	Refugees from Morgan state that explosions heard earlier were the enemy destroying highway and railroad intersections. (F3)	We have not received any mail for over 24 hrs. This is a big morale factor. What is the problem?	Four F-4 aircraft will cross into friendly territory from the N at 132015 Nov vic PL 2940. Advise ground elements.	Div rear subject of sabotage or guerrilla action. Three US KIA in explosion and fire in which div AG mail facility was damaged. Search of area could locate no unauthorized personnel.	Seriously wounded prisoner captured vic Flat Top Mt (PL 1145) indicated a large engr effort had been going on for several days south of Flat Top airfield (PL 1248). Just before he died, he said that trks marked "Kemia" had accompanied engrs to that area (F6).	On 9 Nov, SP4 Kleen N. Pure, a clerk from 3d Bde, visited div hq while there he was approached by an AG clerk, SP4 I. N. Orbit, who offered to sell him some Hashish.
MODE	五	Σ	Æ	生	RATT	Æ	RATT
T0	рто	S2, Player Bn	S1, TF 1-85	TASE	62, Div	62, Div	61, Div
FROM	S4, 3d Bde	Co Contr	C,TF 1-85	DASC	G2, 54 Mech Div	S2, Left Bde	S1, 3d Bde
ENTRY TIME	131835	131920	131953	132000	132000	132030	132039
# 31	2301	2317	2322	2327	2328	2336	2340

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Corps PM has sent word that TF 1-85 has two officers susp of being involved in blackmarket activities. Specifically, it has been alleged that they are selling radios, TV's, tobacco, and coffee to civilians. This matter is to be handled and investigated with utmost care. The officers' suspected are the CO and XO of TF 1-85.	Need 2 rolls of concertina wire and 7 ea 8' stakes to repair security wire damage when Mll3 rolled into wire.	Our trks are on the road around the clock just picking up ammo. Need additional trans assets or a closer ASP.	Admin Note: Enemy minefields have been laid between lakes and E. Bosque River to create an obstacle across the entire right bn front. 1. From PL 080477 to PL 091477 2. From PL 120483 to PL 124478 3. From PL 137469 to PL 138464	Communications with FAST out. Send resupplies ASAP.	Admin Note: Agg located vic Hill 1364, PL 9950, bring- ing effective fire on left bn throughout night. Req a boundary change to include Hill 1364 for coord of atk 140600 Nov 73.	An urgent MWO must be made to the M113's on the final drive assemblies, NWO NR 66-4210-122-30.23. Installatime is 45 min per veh. Seals are avail in maint
MODE	RATT	E.	TEL	Σ	TEL	£	RATT
Т0	61, Div	S4, TF 1-85	64, Div	G3, Div	S4, 1st Bde	G3, Div	G4, Div
FROM	Gl, Corps	B, TF 1-85	S4, 3d Bde	S3, Left Bde	S4, Bn	S3, Left Bde	ACS Maint, COSCOM
ENTRY TIME	132106	132121	132157	132200	132201	132230	132239
TE #	2350	2352	2355	2362	2363	2368	2369

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

] EVENT	lLT Fred E. Gross, Asst Sl, has been relieved of his job. He was caught drinking Medicinal Alcohol with several clerks, and was highly intoxicated. This is the third time he has been caught in this activity and condition. Req disposition to be made of this officer.	Mrs. John T. Pierce, the mother of John T. Pierce, Jr., E4, 637-21-1932, A/1-87 mech, has received the body of her son. On viewing the body she found it was not her son. Req you investigate this situation and reply NLT 141200 Nov.	Harassing fires received from Morgan. Req permission to use arty on the town.	C, 1-47 FA caught a man in US uniform, trying to penetrate their FDC. Indiv claims to be 1LT Silas Spook, 007-07-0070, 236th MI Co. Spook states he lost his credentials and that he is making counterintelligence inspections throughout Div Arty. C, 1-47 FA has placed Spook under guard pending positive ID. Request asst in ID of alleged agent.	Need increase of 20 rations due to feeding of POW's temporarily detained this loc due to transport problem.	25 civilians have been found walking in a field near our CP in an apparent daze. They appear to be shell-shocked. They need warmer clothes and food. Reqasst to evacuate them.
MODE	Æ	RATT	Æ	RATT	Σ	Æ
Т0	SI, DISCOM	Gl, Div	S3, Right Bde	Sl, Div Arty	54, 1-85	Sl, Div Arty
FROM	S1, 53d Med Bn	Gl, Corps	S3, Right Bn	S1, 1-47 FA	CO A, 1-85	S1, 1-49 FA
ENTRY TIME	132242	132245	132315	132317	132323	132342
TE #	2370	2371	2376	2377	2378	2379

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Req approval for controlled cannibalization of equip prior to evacuation. DSU backlogs are causing extreme time lags in the repair of equipment. Qual pers are on hand to accomplish the controlling cannibalization and the repair.	There has been a rash of serious incidents resulting from accidental gunshot wounds from captured enemy weapons. Individuals will no longer retain captured weapons in their possession.	Due to increased convoy security requirements, req 10 additional pedestal mount M31A1.	Admin Note: Provide agent report concerning location of Regt/Div size unit N of Obj 22.	During refueling of Chaparral carrier, fire broke out completely destroying system with 12 missiles. Driver (uninjured) stated that while refueling with 5 gal can, flex nozzle fell loose and fuel gushed from can and ignited when it came in contact with heated muffler. Official investigation initiated. Require replacement system and missiles.	Req the name, rank, and SSN of all pers who have relatives in agg held areas NLT 142100 Nov.	Our unit has found approx 10 badly mutilated bodies. Can't determine if they are enemy civilian or US. Need disposition instructions.
MODE	且	RATT	五五	RATT	TEL	RATT	币
T0	64, Div	Gl, Div	64, Div	62, Div	64, Div	G1, Div	S4, 1st Bde
FROM	S4, 503 Eng	Gl, Corps	53d MP Co	G2, Corps	54, 1-442	Gl, Corps	54, 1-89
ENTRY TIME	140021	140026	140039	140100	140137	140216	140241
TE #	2393	2394	2396	2403	2406	2415	2418

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

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2	- t	ENTRY TIME	FROM	10	MODE	EVENT
2419	6	140247	G2, 52 Mech	62, Div	Σ L	Trk entering Cl III sup point found to have explosive device with time fuse affixed to underside of veh. Investigation shows driver stopped to give directions to refugees on road.
2421	21	140306	PMO, Corps	PMO, Div	RATT	Msg concerning poor driving practices of div vehicles when in corps area.
2429	59	140400	LNO, 1-442	DACE	ΑМ	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. PL 0456/PL 1857/PL 2756 at 0359
2430	30	140400	S3, Left Bn	S3, Right Bde	Ā	4 acft sighted over positions vic PL 183453. Movement from N to S.
2434	34	140403	S3, Right Bn	S3, Right Bde	FR	4 en acft passed over lead elements vic PL 273413 head- ing south. Time - 0400 (Strike to hit fwd DISCOM ele).
2436	36	140405	S3, Left Bde	G3 Ops, Div	£	Hostile Aircraft Warning Air Defense Warning Red A. 4 A/C C. PL 0734 E. 1000 feet B. Inbound D. S
2446	46	140500	S4, 1-442	DAO	TEL	13 of our firing units are reporting erratic flt of their missiles from LOT #ZZ99-09. All missiles on hand at present are this lot. Need immediate replacement of both basic load and RSR.
2449	6	140500	S2, Left Bn	S2, Right Bde	FM	Refugees report en withdrawal to N; have withdrawn from Walnut Springs leaving behind only a few snipers. (F6)

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Msg announcing spec intel MOS for enl pers, listing MOS description and qualifications required to be eligible to attend the school. A list of those EM desiring to attend the next course, starting 1 Dec 73, must be provided Corps G1 NLT 151000 Nov.	Admin Note: Submit SHELREP on rounds rec's in event 2468 (140615) showing 18 rds 122mm How rec'd, other data as appropriate.	4 civ were found, shot to death, in a shallow grave vic Cranfills Gap. Local citizens state they were killed by US troops. Req a board of officers to investigate.	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. PL 1084/PL 1383/PL 2085 at 0638	4 acft approaching psn from N to S vic PL 1850.	Hostile Aircraft Warning Air Defense Warning Red A. 4 A/C B. Inbound D. S	Hostile Aircraft Warning Air Defense Warning Red A. 4 A/C B. Inbound D. S
MODE	RATT	Σ	TEL	АМ	FM	Σ.	Ā
. T0	Gl, Di∨	S2, Right Bde	65, Div	DACE	S3, Right Bde	63 Ops, Div	G3 Ops, Div
FROM	G1, Corps	S2, Left Bn	CO, 241st	LNO, 1-442	S3, Left Bn	S3, Left Bde	S3, Left Bde
ENTRY TIME	140521	140627	140630	140639	140640	140644	140644
TE #	2452	2473	2475	2479	2480	2483	2485

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Send msg indicating that corps arty wants to psn a corps sgt msl bn in an area already occupied by a div spt unit.	CPT H. Z. Keller, 1-48 FA, has been selected for assignment to corps SGS. SGT A. R. Pinto has been selected to be corps CG's dvr. Have these pers report to corps hq ASAP.	Announcement of a second PIO Tm coming to visit the div 15 Nov from 0800 to 1800. Req the proposed itinerary be forwarded to corps NLT 142000 Nov.	Admin Instructions: COSCOM Contr; 2 airstrikes at 140640 crossing FL at PL 0456 and PL1656 hit the Cl V and Cl III points for the corps. This will reduce by 40% the avail Cl V and Cl III for the remainder of the problem.	Increase in venereal disease among rear area pers. 20 cases of VD and fice cases of nonspecific urethritis reported yesterday. VD cases broken down as follows: Gonorrhea - 16 Syphilis - 2 Warts - 2	Req 1LT Albert P. Noloss, 045-66-6969, be released and transferred from this company. He is a bumbling, incompetent, uncoordinated idiot and has done more to hinder mission accomplishment than the aggressor.	Agg minefield encountered vic PL 050508 by left bn.
MODE	RATT	RATT	RATT	RATT	TEL	Æ	Σ
Τ0	S3, Div Arty	Gl, Div	Gl, Div	64, Div	Surg, Div	S1, TF 1-85	G3 Ops, Div
FROM	G3, Corps Arty	Gl, Corps	Gl, Corps	G4, Corps	53 d Med	CO, B, TF	S3, Left Bde
ENTRY TIME	140700	140700	140736	140801	140837	140905	140909
TE #	2491	2493	2499	2152	2516	2524	2526

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Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Clothing issued at the bath point is in worse shape than the clothing we turn in. Doesn't the div have the capability to repair clothing items before they're re-issued?	I have about 50 pers that I would like to send to the div rest camp for 3 days. What do I need to do to arrange this?	My people report numerous personal items missing after they use the shower point. Understand no personal items bags or containers are available at the bath point.	We are still having problems with 40mm detonating approx 30 ft from end of tube. Have check for clearance of fire line and they were clear. Need your help ASAP to solve problem. Have pulled all 40mm ammo from troops until matter is cleared.	Fwd ele under air atk vic PL 1851.	Mrs. John R. Whodoneit, whose son was KIA, 29 Oct, rec'd his personal effects. She says certain items were missing, specifically a 24 kt gold ring and a cross. She states she has a good political friend who would be more than willing to look into this matter if the items cannot be found. Her son was a member of 1-6 Arm. Investigate and reply NLT 150800 Nov.
MODE	TEL	Æ	百	TEL	FM	RATT
Т0	S3, DISCOM	S1, DISCOM	S4, 1st Bde	DAO	S3, Right Bde	G1, Div
FROM	S4, 2d Bde	S1, 53d Med Bn	S4, 1-89	S4, Fwd Cont Bde	S3, Left Bn	G1, Corps
ENTRY TIME	140923	140928	140951	141000	141000	141003
TE#	2528	2529	2531	2536	2537	2539

Figure 2–59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	A reporter and 3 cameramen will visit Div Arty to make still and motion pictures of arty in action for a 15-minute documentary and articles in "Artillery Trends" and the "Army Digest." They will visit from 0730-2300 15 Nov. Req proposed itinerary NLT 150500 Nov.	Admin Note: Provide indication of loc of agg MRL bn hg.	Lead ele hit a minefield, lead veh destroyed. (Adjust time if nec) Submit following report later: Rpt of En Minefield: A. 6448II B. (Indicate time) F. AT & AW initially C. AT & AP D. PL 302508 - PL 305508	FLT	Enemy minefield at PL 201501. Marked and bypassed. Submit following report later. Report of Enemy Minefield: A. 6448 II B. As applicable C. APERS D. PL 201501-204502-201502-203503 Z. NA	What is the availability of Astro-lite? Can be used for pumping into bunkers and subsequent destruction, plus liquid mines.	Admin Note: Insert report concerning suspected use of gas by enemy troops.
MODE	RATT	RATT	Σ	Ā	Σ	£	RATT
Т0	Sl, Div Arty	SSE/EWE, Div	S3, Right Bde	63 Ops	S3, Right Bde	S4, TF 1-85	G2, Div
FROM	AG, Div	288 ASA Co	S3, Right Bn	S3, 3d Bde	S3, Left Bn	Sct Plat, TF 1-85	G2, 52d Mech Div
ENTRY TIME	141020	141053	141145	141200	141230	141303	141330
± 31	2545	2554	2561	3241	2571	2584 a	2589

a TE #2587 listed after TE #2734.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

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EVENT	A qty of en ammo to include rkts and veh have been uncovered in our area. This cache is beyond our capability to evac, need asst.	LRRP Rpt - 25 tanks moving S vic PL 137855 at 1315 hrs	FLT	Req asst in getting components for the M15A1A chem agent detector kit. Discard date has been reached on detector tubes and re-agents in 2 kits. Aspirator tube in one kit is damaged.	4 GAO Reps will visit the div from 160800 - 171800 Nov They want to spend their time with DISCOM observing supply and maint procedures. Request proposed itinerary NLT 152100 Nov.	Admin Note: Submit SLAR Inflight Rpt on Corps MSN Flown at 141358 hrs. Include following: Lg MTI - PL 051603, PL 081603, MTI - PL 102608, PL 053640, PL 142647, PL 110671, PL 024705.	PVT Harold D. Worthingham III has not received any mail from his parents for two weeks. He states the last letter he received indicated that his ailing mother would possibly have to undergo major surgery. Req you contact the Red Cross to check on the situation at Worthingham's home.
MODE	TEL	FM	F.	151	RATT	TEL	Æ
10	G4, Div	Div G2	63 Ops	S4, 1st Bde	61, Div	G2, Div (R&S)	S1, TF 1-85
FROM	S4, 3d Bde	Corps G2	S3, 3d Bde	54, 1-89	G1, Corps	G2, Corps (Air)	CO D, TF 1-85
ENTRY TIME	141347	141347	141400	141407	141418	141432	141457
TE #	2592	3247	3242	2607	2610	2614	2519

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Where has the div rest camp been set up and how far in adv do we need to req a reservation for the bn to utilize it?	MSR conditions congested due to refugee traffic and veh stopping and pers fraternizing with civs. Numerous thefts from stopped vehs are occuring. Req dissemination of orders restricting the stopping of vehs on MSR to official business and emergency only.	Msg announcing recruiting program for arty EM to attend special OCS class. Req names of outstanding arty EM desiring to attend this class be furnished NLT 151200 Nov.	MSR from div spt area to our loc is badly in need of repair. Chuckholes are slowing supply convoys.	Agent reports en 222d Engr Bn moving SE on Hwy 144 near Grandbury. Bn is moving explosives.	Have just discovered holes punched in propellent charge container for 155mm how rounds. It appears that 10% of all powder containers are holed.	FLT.	Need swabs and bore cleaner for maint of indiv wpns. Swabs - 100 ea Bore cleaner - 4 cans
MODE	Ā	Σ	RATT	TEL	Æ	TEL	Ä.	
10	S1, 1st Bde	PMO, Div	SI, Div Arty	G4, Div	Div G2	DAO, 53d Div	63 Ops	S4, TF 1-85
FROM	S1, TF 1-6	53d MP	AG, Div	S4, 2d Bde	Corps G2	Asst DAO	S3, 3d Bde	D, TF 1-85
ENTRY TIME	141500	141522	141527	141533	141535	141600	141600	141707
TE #	2626	2630	2631	7632 6	3248	2635	3243	2643

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

LINDING	Admin Note: Submit ext of corps photo recce msn locating a 203mm qun htmv within wang of	concealed within 1000m will be two heavily guarded ammo trks surrounded by barbed wire.	Serious incident report concerning a driver from the bn who deliberately drove his 5000 gal tanker into a	Hostile Aircraft Warning	Air Defense Warning Red D. S A. Many A/C D. S B. Inbound E. 1000 ft AGL C. NL 0011/NL 1112/NL 2210/NI 2913 a+ 1741 hzs	Pl 1658 Movements +0		Admin Instructions: Inform S4, Div Arty that your	vic and a stroyed along with 279 rds of 155mm HE, powder,	TAC Log Rpt.	2 F4's, I damaged, will cross into friendly airspace	1 1 1 0 2 0 1 L 2 .
MODE	RATT	•	RATT	AM		M	Σ	TEL	-	F	HF	
T0	62, Div	•	S1, DISCOM	DACE		S3, Right Bde	S3, Right Bde	S4, Div Arty		63 Ops	TASE	
FROM	62, Corps		S1, 53d S&T Bn	LNO, 1-442		S3, Left Bn	S3, Left Bn	S4, 1-46 FA		Bde	DASC	
ENTRY TIME	141710		141720	141742		141745	141745	141805		141809	141830	
TE #	2644		2647	2651	1.0	2653	2654	2665		3249	2676	

Figure 2–59 (cont). Traceable events (extracted from Test 119 Scenario).

FVFNT	C rations arriving with missing accessory packs and fruit. Req unsealed cases be checked for completeness before issue.	Trk tires, all types, are becoming a critically short item. Rocky terrain and hvy loads are acusing accelerated usage.	LRRPS rpt heavily (6) guarded vehs headed S on road vic PL 1580. Two marked with signs in yellow KEMIA.	FLT.	TAC Log Rpt.	TAC Log Rpt.	Req additional div asst to evac POW's prior to 2400 hrs.	Is it possible to get ballistic shield kits for the M113's? Need the protection for the gunner on the track.	SGT Richard G. Morse shot himself in the leg to avoid going out on a night patrol. Req a line of duty investigation be initiated.	Req each div submit NLT 152200Nov the names of 50 pers for R&R to Mexico begin 1800. 23 Nov. Include name, rank, SSN and unit. Early response required to meet new regs being imposed by Mexican customs authorities.
MODE	TĒL	<u>1</u> E	RATT	Ξ	ξ	Æ	RATT	TEL	Æ	RATT
10	S4, 1st Bde	S4, DISCOM	G2, Div	63 Ops	63 Ops	G3 0ps	Gl, Div	S4, 1st Bde	S1, TF 1-85	Gl, Div
FROM	84, 1-89	S4, S&T Bn	G2, Corps	S3, 3d Bde	3d Bde	2d Bde	Sl, 2d Bde	54, 1-89	CO A, TF 1-85	Gl, Corps
ENTRY TIME	141859	141919	142000	142000	142000	142000	142016	142132	142138	142140
TE #	2681	2688	2694	3244	3245	3246	2701	2714	2715	2716

Figure 2-59 (cont). Traceable events (extracted from Test (19 Stanger)

EVENT	High gnd along river vic PL 2363 secured.	Admin Note: Intel contr in coord with spt contr, enter event from S&T bn S2 to DISCOM S2, depicting guerrilla act in div spt area (behind bde rear boundary) (possible events: small arms/small caliber mortar fire on instns, veh parks, sabotage of vehs, instns.)	A co suffered one serious and two minor injuries as a result of installing a M63El barrel ext in an M73. Evidently we were issued the wrong type barrel ext.	Serious incident report conc the fatal shooting of the 1SG, C/1-49 FA by the btry clk in front of several wits.	Straggler rpt on 2 SP4's just caught outside the bn CP perimeter. Indivs are from 1-89 Mech, what do we do with them?	SP4 Frank E. Sawem, 2/C/l-86 Mech, claims that he and several other mbrs of his plt, including the plt leader, tortured and shot to death 25 civs vic Cranfills Gap. Req asst in investigating this matter.	Admin Note: (236 MI Co sends to G2, Div by msgr). Provide PW rpt giving loc, str, and ID of en bn in reserve posture (of interest to player bn).	Congressional inquiry triggered by a letter from PFC Fooled M. All, B, 1-6 Arm, to Sen Muskrat claiming physical mistreatment by his platoon leader. Investigate charges and reply NLT 150800.
MODE	FM	TEL	TEL	RATT	TEL	RATT	Msgr	RATT
Т0	S3, Right Bde	S2, DISCOM	S4, 1st Bde	Sl, Div Arty	S1, DISCOM	Gl, Div	G2, Div	Sl, 1st Bde
FROM	S3, Left Bn	S2, S&T Bn	S4, TF 1-6	S1, 1-49 FA	S1, 53d Maint Bn	S1, 3d Bde	IPW, 236 MI Co	AG, Dfv
ENTRY TIME	142200	142230	142248	142251	142258	142310	142323	141327
# 31.	2723	2728	2729	2730	2731	2732	2734	2587

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

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EVENT	Last ammo resup rec'd mix.ball and tracer 5.56mm instead of ball in one case LOT#TW 14907.	Agt Rpt. Agt in Glen Rose (PL 1766) rpts that on 13 Nov he heard agg soldiers wearing engr insignia bragging to local bargirl that US tankers will be cooked in their tanks by a new wpn. (F6)	Need PLL repair parts for our field ranges.	Am receiving plenty of pork and poultry products but hardly any beef. Can we get any beefsteaks, roasts, or hamburger?	We have caught a local farmer trying to steal one of our 1.5 KW generators. He had it loaded in his pick- up trk. What should we do with him?	Why can't some of our damaged items be exchanged for maint float? Maint bn has a lg number of maint floattimes available.	Straggler rpt on 2LT Rong Whey Corrigan, A/500 Engr, 52d Mech Div unit requests inst on how to handle him.	Four civ women were found in a shack along the MSR in the fwd bde area. The women are refugees from Chalk Mt and are selling their favors. What should we do with them?
MODE	TEL	RATT	TEL	TEL	TEL	TEL	RATT	Σ.
10	S3, DISCOM	G2, Div	S4, Div Arty	S4, TF 1-85	S1, DISCOM	S4, 1st Bde	Sl, Div Arty	G1, Div
FROM	84, 1-442	G2, Corps	S4, 1-48 FA	A, TF -185	SI, 5 3d Maint Bn	S4, Maint Bn TF	S1, 1-45 FA	Controller Bde on FEBA
ENTRY TIME	150001	150010	150037	150137	150247	150247	150250	150351
TE #	2750	2751	2755	2767	2779	2780	2781	2786

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Seven ea inserts for food containers, insulated are unserviceable but the FAST cannot find FSN for repl. Recommend we turn the food containers in and reorder repls. Food containers are serviceable, only inserts unserviceable. Can you asst?	Your bde has 7 OER's due which have not been rec'd by div. Five OER's are from 1-85 Mech, one from 1-89 Mech and one from 1-6 Arm. Req immed action to complete and fwd them to div ASAP. All 7 OER's are past DA suspense.	Our DISCOM S2 rpts capturing 2 agg agts with time-fused incendiary and explosive devices in an attempt to infiltrate sup point. They were concealed in crates on trk returning to sup point.	Two of 4.2" mortars have developed hairline cracks. DSU can't repair or replace at this time. Need asst in getting new tubes.	We are having problems with civ refugees trying to get into bn CP for food. There are 15 of tnem. How about sending some MP's to get them out of our area.	Are driver's windshields for the Mll3's available in sup channels? Dusty conditions are causing driver problems in seeing.
MODE	Σ	RATT	RATT	TEL	£	£
10	S4, 1st Bde	Sl, 1st Bde	G2, Div	S4, 1st Bde	SI, Div Arty	S4, TF 1-85
FROM	S4, 1-89	AG, Div	G2, 52 Mech Div	S4, Arm Bn/ TF	S1, 1-47 FA	A, TF 1-85
ENTRY TIME	150?59	150415	150459	150523	150526	150532
# 3L	2787	2793	2799	2806	2807	2808

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	PFC Loren D. Reed, 53d Fin Co, has not written his mother for 6 wks, and hasn't sent her any money for 2 mos. She is afraid her son is sick, also, hse has no money as he is her sole means of spt. Req you investigate and have Reed write his mother. Rpt results NLT 152000 Nov.	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C C. NL 1112 & NL 2913 B. Inbound D. S.	A PIO tm from the Arty and Msl Sch will arrive at your loc at 170800 Nov. The tm consists of 4 persons, and they desire to spend their time with Div Arty units. Will depart div 181300 Nov. Req you fwd proposed itinerary to this hq NLT 160900 Nov.	The following Lot# of TOW msls be ret for inspection ASAP. BD-218-4 BD-218-5 BD-218-9 These Lot#'s are not to be fired except for emer cbt only. Repls may be drawn upon notification to the ASP of qty needed.	Numerous req for beef products. Can you check out what the problem is. No delivery of beef in 4 days.	Our PiL, especially for wheel vehs, is inadequate. Req a 30% increase in stockage items.
MODE	RATT	AM	RATT	RATT	TEL	TEL
<u>T0</u>	S1, DISCOM	DACE	G1, Div	64, Div	S3, DISCOM	S4, Div Arty
FROM	AG, Div	LNO, 1-442	Gl, Corps	G4, Corps	FASCO, 1st Bde	S4, 1-47 FA
ENTRY TIME	150542	150648	150653	150659	150744	150759
# 31	2809	2832	2835	2838	2849	2851

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	(Coord w/player co's contr) Req a new firing psn for a corps bn in the player fld trains loc.	Req name, rank, SSN and units of 10 indivs per bde sized unit for a special R&R trip to Mexico beginning 170800 Nov. This info required NLT 160800 Nov.	Rpts have reached this hq indicating that certain of your MP's have been mistreating POW's. Rpts indicate POW's have been tied to jeep hoods and also dragged behind jeeps. A reporter for Rampart Magazine, Sammy Slyme, states he has photos of mistreatment of POW's, and will release them to the media in 48 hrs. Req you investigate rpts and confirm or deny NLT 160400 Nov.	DSU maint shops are hurting for oxygen and acetylene. Need at least 5 tanks of oxygen and 4 of acetylene.	Straggler Rpt on two dazed soldiers, a SGT and a SP4 from A/503d Engr. Found in co rear. Req disposition.	Cong inquiry from Sen Gas Payne, Los Angeles, CA, ref a complaint from one of his constituents, the Slick Willy Car Sales Co., that alleges SGT Randy Ronson, 53d Med Bn, is in arrears on his payments for a 1963 Edsel. Investigate and reply NLT 152200 Nov.	Admin Note: Submit rpt indicating that an agg SSM unit (nuclear capable) is located within range of 53d Mech Div Hqs and is active.
MODE	距	RATT	RATT	TEL	Σ	RATT	RATT
T0	S3, Div Arty	S1, All Bde's Div Arty & DISCOM	PMO, Div	S4, DISCOM	Si, TF 1-85	61, Div	SSE/EWE, Div
FROM	G3, Corps Arty	AG, Div	PMO, Corps	FASCO, 3d Bde	CO Tm C, TF 1-85	Gl, Corps	288 ASA Co
ENTRY TIME	150800	150808	150823	150854	150900	150910	150933
# 31	2856	2860	2865	2869	2872	2875	2879

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Have you had any rpts of main gun msl failures from other units. We have had 6 misfires on Lot#PE 61-61.	Sup pt will not honor our req for 12 rolls of concertina due to our loc in the rear area. The concertina is nec to provide security fencing to safeguard funds. Need our req approved.	Cong inquiry from Rep Silversand of AZ. SGT George Whitsell, HHC, 3d Bde, wrote to him and complained that SP6 Pill O. Roller, 53d Med Bn has been selling morphine to pers in his sec. Req you investigate these charges and reply NLT 160800 Nov.	Req asst in coord the loan of 8 ea 5T trk tractor for a 48-hour period effective. and scheduled maint have caused problems in carrying out our mission. We have slipped the scheduled maint dates to the pt that scheduled maint is imperative.	Admin Note: Provide Agt Rpt concerning loc and ID OF en reserve div.	Req contact tms bring more repair parts when they visit btry's. If they have part, the item of equip can be fixed on the spot.	Local civ advises she overheard agg officers discussing accident in arty unit where a "special" round ruptured and troops around "tripped out" like they were on LSD.
MODE	TEL	1 E	RATT	TEL	RATT	TEL	Æ
T0	DAO, Div	S4, DISCOM	S1, DISCOM	S3, DISCOM	G2, Div	S4, Div Arty	S2, Player Bn
FROM	S4, 1-24 Cav	53d Fin	AG, Div	S4, S3, S&T Bn	G2, Corps	S4, 1-48 FA	Co Contr
ENTRY TIME	151013	151039	151042	151111	151111	151159	151159
TE #	2891	2896	2897	E062	2904	5909	. 2910

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	We have noticed numerous vehs halted along the MSR. When investigated, pers are found eating or purchasing items in civ establishments. Unguarded vehs are also susp of having been bobby-trapped. Req more emphasis be put on convoy control and scheduling.	Admin Note: Put out new ASR to 53d Div.	Seems we've been coming up short on rations the past two days. Cooks claim Cl I breakdown people are holding out some items for trading with civs.	Last shipment of teletype paper, 5 copy, canary yellow rec'd by this unit was unserviceable due to water damage. Req immed re-issue of 3 cases of this paper. Have enough for 12 hrs of operation.	Chg of control from div TAC CP to Alt.	Req for orders assigning 3 new repls to the bn.	DSU maint out of universal joints for 1/4T trks. Presently exchanging front universal joints to rear to make them cbt serviceable.	Six of our 9 - 500 gal drums are in poor condition. The drums have been repaired several times. Sup says we must have drums TI'd and declared unserviceable before we can requisition new ones. Req your asst in obtaining new drums prior to turning in old ones. Lack of drums will hamper cbt ops.
MODE	TEL	RATT	TEL	迅	NA	TEL	TEL	TEL
10	D Т0	G4, Div	S4, 15t Bde	S3, DISCOM	Alt	SI, DISCOM	S4, DISCOM	64, Div
FROM	MP Plt	G4, Corps	S4, Armor Bn	S4, 53d Sig Bn		Sl, 53d Maint Bn	FASC0	S4, 1-24
ENTRY TIME	151212	151213	151231	151243	151247	151300	151301	151313
TE #	2915	2916	2920	2921	7005	2932	2933	2934

Figure 2-59 (cont). Traceable evenis (extracted from Test 119 Scenario).

EVENT	We are required to turn in our salvaged vehs complete and receiving repla stripped. Why? This situation is putting us in a bind.	Admin Note: Submit data indicating that a div level maint unit has a critical shortage of tracked veh spare parts.	Minefield located at PL 203688. Admin Note: Submit following rpt later: (30 min) Rpt of En Minefield. A. 6448I B. As applicable C. APERS D. 203688/205688/203691/205692 Z. NA	Ration trk dvr and "shotgun" beaten by refugees when they were stopped by approx 50 refugees who refused to get out of road. Trk looted of all rations. Dvr and shotgun treated by medics and returned to duty. Need repl of 25 cases of C rations to be used instead of looted "A's".	Admin Note: FLT due at bde.	Admin Note: Arty psn rpt due at Div Arty.	Pay increases for 13 of my men did res go into effect last month. All of them went over 4 yrs last mo and their pay vouchers did not reflect any chg.
MODE	TEL	RATT	Æ	Σ	FM	FM	TEL
T0	S4, Div Arty	SSE/EWE, Div	S3, Right Bde	S4, TF 1-85	S3, Bde	Div Arty	SI, Div Arty
FROM	S4, 1-45 FA	288 ASA Co	S3, Left Bn	B, TF 1-85	S3, Maneuver Bn's	Arty Bn, 1-45	S1, 1-48 FA
ENTRY TIME	151329	151348	151350	151352	151400	151400	151418
TE #	2938	2940	2942	2943	2946	2947	2960

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	The last batch of DF-2 we drew had a lot of foreign material in it.	Req for current off-limits areas in div AO, to avoid problems with MP's.	Our JP-4 tanker was filled with DF-2 at the Cl III pt. 2 choppers were refueled before we caught it. Req those people take more care in distributing product.	Susp en bn CP PL 3476 (Inflight rpt)	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound E. 1000 ft AGL C. NL 1112 & 2210 at 151542 hrs.	I had 3 men who went over 4 yrs this mo and their pay vouchers did not reflect this. What can we do to get them their pay raises?	F.T.	Req trans spt to transport 25 PW's to div FOW collection pt at 2000 hrs tonight.	The last tanks we rec'd back from DSU after being repaired were missing the antennas. DSU denies knowing about it. Req asst.
MODE	TEL	Σ	TEL	RATT	Ам	丑	FM	RATT	TEL
10	S4, 1st Bde	Sl, Div Arty	64, Div	Alt G2	DACE	S1, DISCOM	63	PMO, Div	S4, 1st Bde
FROM	S4, Armor Bn TF	S1, 1-49 FA	S4, 2d Bde	Corps Intel Off	LNG, 1-442	SI, 53d Maint Bn	S3, Bde	Opns, 53d MP Co	S4, Armor Bn
ENTRY TIME	151439	151525	151541	151542	151543	151500	151600	151630	151635
TE #	2962	2978	2979	3252	2980	2986	7002	2996	2998

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	On 14 Nov, PFC Danny Duffle Bag, made a cour run to div hq. PFC D. D. Bag reported that while in the div hq area, he was approached by SP1 Ira N. Orbit, apparently an AG clk. SP4 Orbit tried to sell PFC Bag some hashish.	No avail trans on hand for 4 "Donut Dollies" stranded at this loc. Req trans and MP escort to move them to your loc.	Explosions heard coming from vic Glen Rose and the Turner Bend area. Susp en is destroying bridges across the Brazos. (PL 2269 and PL 2571)	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. NL 1112 at 1812 hrs.	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. PL 1084 & PL 1383 at 151814 hrs	DSU maint is having a difficult time getting cleaning solvent. DSU should get priority on the solvent, otherwise shop operation will be impaired.
MODE	RATT	TEL	Æ	АМ	АМ	TEL
T0	Sl, lst Bde	010	S2, Right Bde	DACE	DACE	S4, DISCOM
FROM	CO A, TF 1-85	S4, 3d Bde	S2, Right Bn	LNO, 1-442	LNO, 1-442	FASCO, 3d Bde
ENTRY TIME	151637	151717	151720	151813	151815	151833
# 3L	2999	3006	3007	3020	3023	3031

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Last shipment of DF-2 is susp to be contaminated. Am sending 10 gal to Cl III for check. Need repl of 2000 gal until results are rec'd.	Req sundry packs for this loc. PX trk has not been regularly stopping at this ioc and when it does they are out of stock on most nec items.	Serious incident rpt on stabbing of CPT Anthony by PFC Mortain in div clearing stn.	2LT Ed Hall, 1-45 FA, has been relieved as a fwd observer due to insubordination. Charges will be fwd within the next 48 hrs. Req a repl from our DS arty.	Two of my 5T (M54's) containing 12 tows, 30 cases 5.56 ball, 10 cases .45 cal, and 20 cases assorted smoke, exploded and burned. Cannot explain what caused the explosion and fire.	Admin Note: FLT due at bde.	Admin Note: Arty psn rpt due at Div Arty.	Two 5T vehs, containing 12 tows, 30 cases 5.56 ball, 10 cases .45 cal, and 22 cases assorted smoke, exploded and burned.	En arty hits 1-45 CP - bn cdr dilled.
MODE	TEL	TEL	RATT	Æ	Æ	Ψ	Σ	FM	FM
T0	64, Div	S4, 1st Bde	SI, DISCOM	Sl, lst Bde	S4, TF 1-85	S3, Bde	Div Arty	54, 1-85	S3, Div Arty
FROM	S4, 503d Eng	S4, Res Bn, 1st Bde	Sl, 53d Med Bn	51, 1-89	Spt Plt Ldr, TF 1-85	S3, Mäneuver Bn's	Arty Bn's 1-45	Spt Plt, 1-85	1-45 Bn
ENTRY TIME	151851	151903	151927	151957	152000	152000	152000	152000	152000
TE #	3034	3039	3044	3047	3020	3052	3053	3250	3253

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Radar out. Cannot bring in. Send contact tm. Admin Note: Radar operational at .	Straggler rpt on SSG Claude Balls who was found unconscious and the apparent victim of a mugger.	Req that bn replace the medic detailed to this unit. He is inept and doing more harm than good.	The ASP located within the div boundry appears to have just blown up. There are unexploded shells, of all cal, falling all over the rear area.	FLT.	One of our 6,000 lb RT's is down. Maint bn indicates it will have to be evacuated to GS. Our capability to move pallets and hvy containers is severely restricted. Need your heop in getting a repl.	A,1-48 FA has a SP5 Ling who claims to be a conscientious objector and is refusing to work on his howitzer anymore. How do we handle CO's?	Having problems with eles not picking up repaired items from DSU maint. Running out of space for working on deadlined items.	Serious incident rpt concerning the death of 1SG of C, 1-47 FA. 1SG Rough N. Tough was the victim of a fragging incident.
MODE	TEL	RATT		TET	F	五	Æ	TEL	RATT
10	S4, Div Arty	S1, DISCOM	S1, TF 1-85	DA0	Bn S3	S4, DISCOM	SI, Div Arty	S3, DISCOM	SI, Div Arty
FROM	S4, 1-46 FA	S1, 53d S&T Bn	CO B, TF 1- 85	To be deter- mined by loc of ASP	00	S4, S&T_Bn	S1, 1-48 FA	FASCO	S1, 1-47 FA
ENTRY TIME	152010	152135	152159	152200	152200	152233	152240	152248	152307
# 3L	3055	3072	3076	3081	7003	3036	3087	3088	3091

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	Rec'd 2 M151A2 trks with locked engines due to no oil. Drivers had wired to bypass the oil pressure switch. Req you initiate corrective action.	Admin Note: Submit Agt Rpt advising of en plan to counterattack along div boundary. (F6)	Need someone to resolve our problem concerning CVC helmets. DSU maint says turn in, sup people say keep the item and fix it. We presently have about 20 helmets we can't get fixed or turned in.	Req permission to obtain a bsc load of AT&AP mines to carry with our bsc load of ammo.	Receiving complaints from maneuver eles that up to 50% of BA 386 btry's are either dead or unserviceable. Req asst.	Serious incident rpt concerning the fragging of a PSG of the hvy maint co.	Two 18 yr old girls have reported to bn hq claiming that 4 soldiers from the 3d bde raped them about 152300 near Glen Rose and then transported them to our area in a trk and left them.	Admin Note: FLT due at bde.	Req convoy clearance for Cl V bde convoy.
MODE	TEL	RATT	TEL	TEL	TEL	RATT	£	Æ	TEL
T0	S3, DISCOM	62, Div	S4, 1st Bde	S4, 1st Bde	S3, DISCGM	SI, DISCOM	S1, TF 1-85	S3, Bde	рто
FROM	FASCO	G2, 54 Mech Div	S4, 1-89	54, 1-89	FASC0	S1, 53d Maint S1, Bn	CO D, TF 1-85	S3, Maneuver En's	Fwd Cont Bde
ENTK' TIME	152352	152400	160003	160019	160101	160107	160157	160200	160200
# 3L	3094	3097	3098	3100	3109	3110	3112	3113	3115

Figure 2-59 (cont). Traceable evnets (extracted from Test 119 Scenario).

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EVENT	DSU is receiving numerous items for repair without all components needed to check it out. Tim lag occurs until all components are received.	Where is the nearest shower at when can we use it, and is there a clothing exchange set up near the showers?	Req coord for the use of 8 ea 5T tractors and 3 ea 5000 gal tankers from the period 170600-171900 for re-supply of your div. Due to the hvy workload on our vehs, the above vehs will replace vehs in maint.	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. NL 2210/2913 at 160258	Straggler rpt on W2 Walter B. Haskins of 53d Engr Bn apparently he was involved in a one veh accident.	Units continue to ignore the fact that Mll3 air filters can be cleaned and reused. Units continue to request filters in excessive quantities. Req units again be advised that filter is not a single use item.	RI.	Admin Note: Rpt that water sup at several ranches used by agg has been poisoned.
MODE	TEL	Æ	RATT	AM	RATT	151	FW	RATT
Т0	S3, DISCOM	Sl, Div Arty	G4, Div	DACE	SI, Div Arty	S3, DISCOM	Bn S3	G2, Div
FROM	FASCO	S1, 1-49 FA	CO, 12 Sup Gp	LNO, 1-442	S1, 1-49 FA	Maint Bn	0)	G2, 54 Mech Div
ENTRY TIME	160202	160215	160245	160259	160319	160322	160400	160437
TE #	3118	3119	3125	3126	3132	3133	7004	3142

Figure 2-59 (cont). Traceable events (extracted from Test !19 Scenario).

EVENT	Msg relaying latest AR's, Ar chgs and DA Pams and Cirs concerning pers actions.	Hostile Aircraft Warning Air Defense Warning Red A. Many A,C B. Inbound C. NL 1112/2210/2913 at 160453	Admin Note: The Cmd Ops Sig Co will be severely atkd by an airstrike at 0502 causing the loss of all commo. This facility will be out of action for 8 hrs. Controller will coord a 6-8 A/C strike vic the div CP.	Admin Note: As part of linecrosser debrief, submit data that agg troops are starting to live off the land.	Having numerous problems with receiving commo. Repairs beyond our capabilities, send contact tm.	Hvy contact w/tanks - committed reserve, vic PL 1783.	Some empty containers (55 gal barrels) found by the lake vic PL 2874. Water in the lake has a peculiar color and smell. Same applies for lake at PL 2974.	4 en acft attacking lead elements from PL 2675 - 3075.	
MODE	RATT	ΑМ	Σ	RATT	TEL	Æ	Σ	Æ	
Т0	G1, Div	DACE	As Required	G2, Div	S4, Div Arty	63	S2, Right Bde	S3, Right Bde	
FROM	Gl, Corps	LNO, 1-442	ADA Control	236 MI Co	S4, 1-46 FA	2d Bde	S2, Right Bn	S3, Right Bn	
ENTRY TIME	160442	160454	160502	160535	160539	160600	160630	160633	
E #	3143	3145	3154	3157	3158	0909	3177	37.75	
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Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

MODE EVENT	Admin Note: The div TAC CP will rec a distructive blow by either arty (if w/in range) on a 6-8 A/C airstrike destroying all cmd and commo facilities. This should cause the alt CP to take control of the div.	Presently occupying and consolidating on obj 73.	4 A-1/88 secured hill 1230 at loc PL 1282.	Admin Note: FLT due at bde.	4 Arty Psn Rpt.	Presently occupying and consolidating on obj Yankee.	RATT Chief guerrilla leader going to DOC Gransville Gapthis morning.	Loss of one MPG-414 radar coordinates 095783.	FM/ Admin Note: FLT due.	A Btry's A & C of 1-45 have lost (destroyed) FDC veh from en arty.	Early warning - 6 acft SE (inbound) 350 knot 500'.	2 plts en tanks surrendered PL 150825.	4 Wpns cache and spare parts vic PL 298832.
) MC	red FM	Ę.	F	- F.	Arty FM	E E	 2	v Arty FM	——— ES	E.	Ele FM	F.	Æ
T0	As Required	1st Bde	63	S3, Bde's	S3. Div Arty	1st Bde	62	S3, Div	G3, Div	Div Arty	Alt ADA	A1t G3	Bde S3,
FROM	ADA Control	1-89	2d Bde	S3, Bn's '	Arty Bn	1-9	G2, Corps	1-46	S3, Bde	1-45	Corps	2d Bde	1-86
ENTRY TIME	160645	160715	160745	160800	160800	160800	160800	160810	160815	160815	160815	160855	160855
TE #	3180	1909	6064	3197	3251	6062	6063	909	3203	9909	8909	6909	6070

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

EVENT	We need to know NLT 161100 on a one-line basis your Cl V requirements for the 17-18-19-20 Nov by type and amount.						
MODE	TEL				¥		
T0	DAO		,				
FROM	12th Spt Gp						
ENTRY TIME	160957			n,			
TE #	3223						

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

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	63	0.37	94	0.40	0.40		0.18	001	0.20	0.20
					1.00					
	19	0.07	100	0.13	0.10		0.00	00	0.00	0,00
		Mean staff recognition time (hours) Sample size	Percent mean staff recognition time less than Ihr Sample size	Mean staff reaction time available (hrs) Sample size	Mean staff reaction time taken (hrs) Sample size		Mean staff recognition time (hrs) Sample size	Percent mean staff recognition time less than thr Sample size	Mean staff reaction time available (hrs) Sample size	Mean staff reaction time taken (hrs) Sample size

Figure 2-60. Traceable events analysis.

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Mean staff reaction time available (hrs) Sample size	0.00	0.00	0.00	0.00	0.00	5	0.00	0.10	0.00
Mean staff reaction time taken (hrs) Sample size	0.00		0.00	0.00	0.00 0.00	0.02		0.10	0.00
	•==			Po	mat oper	ations			
Mean staff recognition time (hrs) Sample size	7		0.39	0.82	0.89	0.00		0.23	0.02
Percent mean staff recognition time less than thr Sample size	100		93	2 60	75	<u>8</u> -		0 -	100
Mean staff reaction time available (hrs) Sample size	0.13	1.13	0.41	2.82	0.89	0.00	0.19	0.51	0.10
Mean staff reaction time taken (hrs) Sample size	0.10		0.41	2.30	0.88	0.00		0.48	90.08

Figure 2-60 (cont). Traceable events analysis.

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EADVI WOTSRO WOTSRO 7.004 A.70 R.70 R.70 NO FANCI WOTOR 7.004 A.70 R.10 VFS FANCI MOTOR 7.004 R.16 R.16 R.10 NO FANCI WOTOR 9.55 3.55 NO NO				22422	16.1	10.7		7.43	7.05		C 2	YFS
W2342 7.94 2.05 4.06 8.10 VFS R2A32 7.94 8.16 8.14 NO FANCI W0100 \$2612 9.55 NO \$2A32 3.55 NO	۲,	11093	08102	CILÄM	7.04	a.70		8.30	R. O.R		5	YFS
FANCT WOLLD S2617 9.55 8.16 8.18 NO NO NO NO NO NO NO NO NO NO NO NO NO				42342	1. 19	3.05		30.4	8.10		VFS	YFS
NO 52432 4.55 6.55 NO				A7A32	7.98	A.16		A.16	8.18		C	YES
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				CEVES	3.55	•					CN	C

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45 AT 31 JAN 74

PAGE NO 4

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	ARRIVED	YES			YES	YFS	C			Y F.S	YFS) H		2 2	YES) AEC		463	S	ON	O¥	YFS	07	VES	VES	ON	9	- L	YFS
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	hous	42112	11624	52,142		42412	52432	11020	92422	M2251	CYECA	17824	52132	12842	65663	25462	227cm	S2842	CC7623	~212n	2clen	19224	SSADD	M225,2	76.77	d'Ita	1756	42262	eluco
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Floure 2-61 (cont) Traceable events, all data.

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		SFO NO																			3808			3808				
ETAILS		*							12.00					12.50					13.18		13.46	13.50	13.63					
FEST 110 EVENTS DETAILS # THORNTON		13							12.00					17.16					13.19		13.45	13.50	13.61	13.68				
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Figure 2-61 (cont). Traceable events, all data.

STATE FOW THE TO TI TO					18/	TEAFFAPLE EVENTS DETAILS BY F W THOPVION	FEST 119 E EVENTS DE W THOPNTON	ETAILS			
90.4 TF 11 72 73 74 560 WG ASTRISK ARRIVEN 92311 18.83 19.25 19.41 19.55 19.40 19.5 40 92311 13.43 19.25 19.41 19.40 19.5 40 40 92121 13.43 16.40 14.01 14.03 117 40 40 92121 13.43 16.50 14.00 14.00 14.00 40 40 92211 13.43 16.50 14.00 14.00 16.50 76.5 40 46 92311 16.00 16.00 16.00 16.00 16.00 40 46 40 46 4	AS AT 31 JAN 74										
94311 18-83 400 401 94321 18-81 19-81 19-81 460 460 94311 18-81 18-81 18-81 460 460 94311 13-92 18-81 18-81 460 460 94311 13-93 18-81 18-81 460 460 94311 13-94 18-81 18-81 460 460 94311 14-90 14-90 18-81 460 460 94311 14-90 14-90 14-90 14-90 460 460 94311 14-13 14-54 14-90 14-90 14-90 14-90 460 460 9401 14-90 14-90 14-90 14-90 14-90 14-90 460 460 9402 14-90 14-90 14-90 14-90 14-90 460 460 9403 14-90 14-90 14-90 14-90 14-90 460 460	SFC	AEE	PN TF	10	1	12	13		SEO MO	ASTRISK	ARR IVED
97111 13.98 19.75 19.41 19.51 19.50 AD13 VES VES 97121 13.98 13.98 14.00 14.01 14.03 11.79 NO NO 97211 13.98 15.06 14.01 14.01 14.03 NO VES 97211 13.08 16.60 15.03 11.75 NO VES 97211 14.00 14.13 14.16 14.17 NO VES 97211 14.00 14.13 14.59 15.00 NO VES 97221 14.10 14.16 14.17 14.16 14.17 NO VES 97221 14.10 14.16 14.16 14.17 14.16 NO VES 97221 14.10 14.16 14.16 14.26 14.00 NO VES 97221 14.10 14.16 14.16 14.16 14.16 NO NO 9721 14.10 14.16			w2311	18.83						C	0
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13.08 19.58 19.58 19.58 10.5			lloca	13.98	14.00	14.01	14.00	14.04	71119	ON	YES
47341 14.00 YES NO 47311 14.03 NO YES NO 47311 14.03 NO YES NO YES 47311 14.13 14.16 14.16 14.17 NO YES 47311 14.13 14.16 14.16 NO NO YES 47311 14.13 14.16 14.10 NO NO YES 47312 14.00 14.58 14.56 14.00 NO YES 4732 14.70 14.76 14.00 NO YES 4733 14.76 14.76 NO NO NO 4771 14.76 14.58 NO NO NO 4771 14.76 14.56 NO NO NO 4771 15.28 15.51 15.54 NO NO NO 4771 15.73 15.74 15.75 NO NO NO 4771			11528	13.02	19.54		10.58	22.58		CV	YES
42931 14.00 NO VFS NO 42311 14.15 14.16 14.23 NO VFS 42341 14.15 14.16 14.23 NO VFS 42342 14.16 15.00 NO VFS 42342 14.00 14.00 NO VFS 62342 14.00 14.00 14.00 NO VFS 62343 14.76 14.60 NO NO NO NO 62341 14.76 14.60 NO NO NO NO NO 62342 14.76 14.66 10.64 NO	3	140	1926	14.00						YES	02
42311 14.03 14.16 14.16 14.15 14.16 14.17 14.13 14.16 14.16 14.23 NO YES 43341 14.03 14.03 15.00 15.00 NO YES 52842 14.00 14.00 14.00 14.00 NO YES 62842 14.00 14.00 14.00 14.00 NO YES 62842 14.00 14.00 14.00 NO YES 62842 14.00 14.00 NO NO NO 62842 14.76 14.76 NO NO NO 82842 15.24 10.54 NO NO NO 82842 15.24 15.24 NO NO NO 82842 15.24 15.45 NO NO NO 82842 15.24 15.45 NO NO NO 82842 15.24 15.45 NO NO NO <			18068	14.00						YFS	0
F2041 14.13 14.54 14.16 14.13 14.59 15.00 15.00 NO VES 42311 14.03 14.00 14.00 14.00 14.00 14.00 16.00 NO VES 52A42 14.00 14.58 14.06 14.08 NO NO VES 62A42 14.00 14.76 7 7 NO NO NO 62A42 14.06 14.76 7 7 NO NO NO 62A42 14.76 7 7 7 NO NO NO 62A43 14.76 7 7 7 NO NO NO NO 62A43 14.76 7 7 7 NO N			11864	14.03						UN	Ci4
92841 14.58 15.00 15.00 vo 4.331 14.58 15.00 vo vo 5.342 14.00 14.58 14.36 14.38 vo vo 5.343 14.58 14.56 20.08 vo vo vo 7.731 14.76 7 7 vo vo vo 4.731 14.76 7 7 vo vo 4.731 14.76 7 7 vo vo 4.731 14.76 7 7 vo vo 4.732 15.28 15.58 15.46 vo vo 4.732 15.78 15.46 vo vo vo 4.741 15.33 15.75 15.75 vo vo 4.742 15.78 27.41 vo vo vo 4.743 15.74 15.75 vo vo vo 4.744 15.77 15.47 vo	LO.	640	F2041	14.13	14.16		14.16	14.73		CN	YFS
47311 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.00 14.58 14.00 NO YES 52.432 14.00 14.76 14.58 14.56 20.08 NO YES 57.71 14.76 7 7 NO NO NO 47.71 14.76 7 7 NO NO NO 47.71 14.76 7 7 NO NO NO 47.71 14.76 7 7 NO NO NO NO 47.71 15.74 17.54 17.54 17.54 NO NO NO 47.71 15.73 15.75 15.75 NO NO NO NO 47.71 15.43 15.43 15.43 15.75 NO NO NO NO 47.71 15.75 15.75 15.75 15.75 NO NO NO NO NO NO			17866	14.13	14.58		15.00	15.00		CN	YES
\$22.00 \$14.00<	>	340	11800	14.00						CN	CN
07231 14.76 14.58 14.65 14.65 70.08 NO YES 07231 14.76 7 7 NO NO 4.271 14.76 7 NO NO 4.271 14.76 7 NO NO 4.272 14.76 7 NO NO 4.273 19.28 16.33 10.68 NO NO 4.274 15.28 27.58 27.61 NO NO 4.274 15.28 15.54 NO NO NES 4.274 15.33 15.54 15.55 NO NO NES 4.274 15.43 15.43 15.43 15.43 NO NO NO 4.775 15.00 NO NO NO NO NO NO			52862	14.00	14.00		14.70	14.38		ON	YES
non 14,76 Ann Non Non Non -2031 14,76 Ann Non Non Non 42,21 14,76 Ann Non Non 43,21 13,28 16,33 10,68 Non Non 42,41 15,24 15,24 Non Non 43,41 15,24 16,33 10,68 Non Non 43,12 15,24 15,43 15,64 Non Non 43,13 15,43 15,43 15,43 15,43 Non Nes 43,11 15,43 15,43 15,43 15,43 15,43 Non Nes			52432	14.00	14.58		14.98	20.08		CZ	YFS
072021 14,76 Ann Nn Nn Nn Nn 4,274 14,76 Ann Nn Nn Nn Nn 4,275 13,28 15,33 10,58 15,66 Nn Nn Nn 5,24,25 15,24 27,54 Nn Nn Nn Nn 4,21,1 15,24 27,54 15,65 Nn NES 4,21,1 15,33 15,51 15,75 Nn Nn NES 1,21,1 15,33 15,63 15,75 15,75 Nn Nn NES 1,21,1 15,33 15,43 15,43 15,75 15,75 Nn Nn NES 1,21,1 15,33 15,43 15,43 15,43 15,43 Nn NFS	Ċ.	ÜEG	15020	14.76						ON	CZ
47.76 14.76 NO NO NO NO 47.21 14.76 19.26 NO NO NO 47.21 19.26 19.56 NO NO 52.412 15.24 27.54 NO NO 45.12 15.24 27.54 YES YES 47.17 15.75 15.75 NO YES 77.541 15.75 15.75 NO YES 77.541 15.75 15.75 NO YES 77.541 15.33 15.43 15.43 15.90 NO YES			12020	14.76						C	0.40
v2271 14.76 v2421 19.26 10.58 19.66 Nn Nn 57A12 15.24 27.54 27.54 Nn VES v2712 15.24 27.54 27.54 VES VES v2713 15.24 27.54 15.55 Nn VES v2741 15.33 15.54 15.75 Nn VES v2741 15.33 15.43 15.75 Nn VES v2741 15.43 15.43 15.43 Ng VES			Itaer	14.76						5	CN
47.21 19.26 15.24 10.58 19.66 NO VFS 57.412 15.24 27.54 27.41 NO NO 47.121 15.24 27.54 YES YES 47.171 15.33 15.51 15.75 YES 77.411 15.33 15.43 15.75 NO YES 77.511 15.33 15.43 15.43 15.93 NO YES			lecin	14.76						C	C
\$72412 \$15.24 \$15.34 \$10.54 \$15.66 \$ND \$VES \$27412 \$15.24 \$77.54 \$77.54 \$77.54 \$VES \$VES \$27412 \$15.24 \$77.54 \$75.54 \$VES \$VES \$27413 \$15.43 \$15.75 \$15.75 \$ND \$VES \$27413 \$15.43 \$15.75 \$15.75 \$ND \$VES \$27514 \$15.75 \$15.75 \$ND \$ND \$27514 \$15.75 \$15.75 \$ND \$ND	0	0 £ v	42421	13.26						C	5
15,24			52832	13.28	16,33		10.58	19.66		C	YFS
will 15.24 27.54 27.54 VES VFS 15.31 15.51 15.54 NO VFS 15.12 15.13 15.75 NO VFS 17.21 15.33 15.75 15.75 NO VFS 17.21 15.43 15.43 15.63 NO VFS 17.20 NO NO NO NO	C	618	21465	15,24						C	CN
15,33 15,51 15,54 17,54 1710 YES 15,33 15,33 15,75 15,75 15,75 On Co. 21 15,83 15,83 1110 On CN CN CN CN CN CN CN CN CN CN CN CN CN			lelen	15.29	27.59		27.58	27.41		YES	VFS
THE STATE OF ST. ST. ST. ST. ST. ST. ST. ST. ST. ST.	\$	c l r	121 64	14.33	15.51		15.53	15.55		CZ	YFS
15.33 15.43 15.83 16.00 MA YES			1,20.	15, 33	15.75		15.75	15.75		CN	VFS
UN LN 19-CM			1111	15.33	16.43		15.83	16.00		Ç	YES
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			lenen		15.00						C.	C.	
			11860		15.98	15.99		15.98	14.98		C	YES	
			1566n		15.08	15.04		16.91	16.03		C	YES	
2121	FENHI	SOARO	10760		21.75						YES	UN	
			52132		21.15						Ç	5	
2127	נבנאו	02604	Ccucn		16.25						YES	CN	
			17619		15.25						YFS	C 2	
2134	E FUK 1	P 34 1 3	11468		16.45	17.25		17.22	17.41		C	YFS	
			11124		16.45	22.25		22.26	22.23		CZ	YFS	
2139	באטוו	80000	1566		14.75						63	C Z	
			47211		16.75						C X	C	
			12H2F		16.75	14.75	15.73	16.90	16.81	112 8	C 2	YFS	
2140	12253	LUCUM	CETES		19.71						YES	5	
			iscen.		17.01	23.14		23.19	23.29		CN	YES	
			14000		17.71	23.25		23.25	23.25		Ca	YES	
2165	111093	09000	11500		13.50						C	CA	
			ILVES		13.50						C	Ç	
			11066		14.50	21.11		21.41	21.41		CN	YFS	
1116	£	40360	clect.		14.30						ON	CA	
,			12868		13.90						C 2	C	
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			11165		18.20	10.81	19.05	16.71	10.03	P117	OF.	YES	
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2116	נפנו	11771	11661		10.10					•	C.	2	
						1qure 2-6	Figure 2-61 (cont).	Traceable	events.	Traceable events, all data.			

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ARR IVED	CZ	<u> </u>		YES	CN	YES	CZ	. C	YES	YES	0	C	. C		2	YES		YFS		Y FS	CZ	YES	2	C Z	· Ç	3 43		٥
ASTRISK	ON		9	2	0	2	YES	CN	YFS	CN	ON	S	Ş	S	C	C.S.	C	YES	CN	C Z	C 2	Z	C 2	YFS	ÛN			*
SFO NO				6747		607d																						
71			60	0.00		20.16			23.51	19.66						29.58		30.16		50.70		21.50				27.14		Figure 2-61 (cont raceable events, all data.
£1			30 86			20.30			12.51	19.50						20.41		30,00		50.48		21.33				22.16		raceable
Ç			30.05			20.02) (cont
1.			30. 43			20.00			23.50	10.13						15.00		29.96		50.66		21.25				22.11		gure 2-6
5	19.00	19.00	19.00		19.75	13.15	13.21	19.21	19.21	19.08	19.65	13.45	10.65	19.65	20.00	20.00	00.10	21.00	21.15	21.16	21.25	21.25	22.00	22.00	21.50	21.50	21.75	Γ*
L .	7.1	3.1	5.1					2	1	-	2	_	1	1	1	-	_											V
not d	12866	l Eu Zú	M2251	1 7000		F2041	Hosel	6182m	12221	92841	21264	M7411	11660	12462	W2111	11765	R2941	11065	12.65	16761	12761	ושמבט	42111	11564	Cleen	11150	212Cm	
STAFE SEC SEC				C7001			₩0770			0,0040	06865				01105		ROADA		42490		C 5 60 a		101		N0400		401130	•
CTI o				FADAI	ă.		FSF91			FADOI	E6DH1				1 Huys		1654		Inujs		באהאם		EREHC		FEDJI		15.122	
TE NO				2186			2197			2199	1612				2198		3000		5220		1422		0266		2343		5765	

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TRACEARI EVENTS DETAILS AY P W THORNTON

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PRIVED	9	C	YES	CN	YES	ON	CN	ON	0	ON	CN	D _N	C	ON	YES	102	ON	CN	CN	VES	VFS	0	CZ	S C
ASTRISK	CN	.GN	CS	C	GN	YES	D.W	CN	C.	CN	ON	CZ	C	CN	2	C	Ü	C	CZ	ON	Š	CN	Cin	Ç
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4			21.06		22.83										24.13					34.66	00.25			
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<u>.</u>			21.95																					
F			21.91		22.25										24.01					23.33	24.75			
40	21.75	21.15	21.75	22.05	22.05	22.16	22.16	22.16	22.16	22.40	22.40	22.91	23.00	22.66	22.66	23.00	23.00	23.00	23.33	23.33	23, 13	23.66	23.66	23.66
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Figure 2-61 (cont). Traceable events, all data.

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FAMIL 47.7F 47.7F 400 FAMEL 49.7F 44.1I 45.75 45.50 IALDIA 40.41 45.75 45.75 NO EGDCI 44.1I 45.75 45.75 NO EGDCI 44.3I 45.75 45.75 NO A7.42 44.3I 45.75 45.75 NO				12861		43.63	16.63		40.13	49.91		YFS	YFS	
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Figure 2-61 (conf). Traceable events, all data. $f \rightarrow b$

TEST 119
TPACEAPLE EVENTS DETAILS
AY P. W. THORMTON

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200		Y F S	YFS	YES	CN.	00	YES	YFS	ON	CN	ÜN	YES	ON	YES	CN	YES	C Z	CZ	YFS	02	YES	YES	VES	C	CZ	CZ	
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53.13 50.14 53.45 50.78 50.41 G311 NO Figure 2-61 (cont). Traceable events, all data.				47767							,		
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		ARRIVED	YFS	YES	YES	YES	YFS	YES	ON	Ç	YES	YES	2	× F ×	Y F S	YFS		YFS	YFS	YES	YES	02	YES	YES	YFS	YES	C	C 2	
		ASTRISK	O	C.	C Z	Ü	CN	CN	ç	CN	0	E Z	Ş	07	Ę,	C	02	ON	Č	C 2	5	Câ	ON	04	Ç	YFS	YFS		;
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		4	50.45	51.14	51.96	52.13	52.66	51.71			53.91	67.78		52.66	55.16	52.75		15.45	57.83	57.23	59.03		54.75		54.91	55.25			
		K 1	50.45	51.08	51.96	52.13	51.58	51.71			53.00	47.25		52.5P	55.16	52.11		54.85	52.93	57.23	5c. 86		54.70	54.75	54.BK	55.04			1
		7.5	57.50	51.16	41.98			51.12						52.55										54.78					1 19.6
	ı i	-	50.41	51.09	51.06	52.13	51.58	51.63			52.75	67.25		52.50	55.09	52.71		54.33	52.43	57.13	80.43		54.66	54.75	54.93	55.00			9. 6
		<u>.</u>	50.13	50.00	20.08	90.26	51.53	51.63	51.66	51.66	51.65	51.66	53.20	52.50	52.50	52.71	52.85	52.45	52.83	52.93	52.93	51.16	53.16	53.16	43.16	53.16	54.00	54°30	27
	7 T T T T T T T T T T T T T T T T T T T		472K2	CF0C4	47112	W2422	82542	F2012	a2n12	clucs	w2112	11921	475,47	12485	47257	22aCp	4212h	člocu	11025	47112	42611	M2741	2112	×215×	11564	01801	17241	R2472	•
	STAFF SEC 9FC			A 0 1 0	40100		40040	01001	-010m				Uldus	Sutho		04806	01600		SOAIO	•		0010		•	•	С	M0201 H	α	•
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AS AT	TE NO		40		1647		2714	2715	3115				2723	2729		2729	2730		2731	Ĭ		2737					2734		

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	7						55.45	57.01	60.50	55.71	58.03		57.00			56.95				57.40	58.08							9000
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	PA TE	42422	65865	25620	42532	42422	42250	42262	21620	27063	92P42	42122	52412	82842	17641	21524	21124	21020	26124	w2112	2612H	12m47	11023	Z luću	A2637	19224	62465	
	STAFF STAFF		6 64 30	lucur					05600	60040		01405		ACA41)			01000			0010-		36860	01 404		10201			
AT MAL IF TA 2A	0 140	•	E6DVI	[1353					FANTI	F6041		FAFHC		F6DK1			FACIJI		3	E6011 -		FADEL	FOFMC		£9F71			
AS AT	UR 31		2759	1512					2755	2747	1	2779	188	2783			1842			2786		2797	2793		2749	1		

Figure 2-61 (cont). fraceable events, all data. j.i55

AS AT 31 JAN 74

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(AS AT	AS AT 31 JAN 74											PAGE NO 23
1	EN AT	CTLP	STAFF SEC REC	FUP 4	10	1.	72	Į.	41	SFQ NO	ASTRISK	ARR IVED	
				1777	63.00						ON	CN	
				12020	63.00	63.00	10.69	63.01	64.01	9308		VES	
	2860	ERFHC	01405	F2P11	69.00						CX	CN	
		1	:	11020	84.90	59.30		50.08	65.75	•	C X	VES	
				11828	29.00	63.33		63.50	63.50		Ç	YFS	
	2865	F6NG1	40120	42121	62.71	63.33		63.36	63.45		YES	YES	
1	2869	F6nJ1	SUA40	52842	62.40	63.00		63.00	63.0R		ON	. SāA	
	2877	FANAI	0 l du s	42111	63.00						Ç	ÛN	
				11023	63.30	63.00		63.0a	63.16		Ç	YES	
!				llacb	63.00	63.75		64.83	64.00		Û	YES	
	2875	1 2093	00102	57812	63.16						C	ON	
190				w2111	63.16	64.75		64.76	64.83		VES	VES	
	2479	18353	w0220	1426	63.65						D.	ON	
				42311	63.55						CN	CZ	
	,			15551	63.55	66.93	64.05	44.05	64.05	5725	CN	YES	
				14624	63.55	64.50	64.53	64.53	64.53	5629	ĆN	YES	
				lscen	63.55	66.00		65.01	65.03		CZ	YES	٠
				1,664	63.55	47.50	67.56	47.56	67.56	9305	YFS	YES	
	1082	14093	りかとしゃ	52847	17.49						CS	CN	
	2806	ERFUC	S 0.840	5245	64.59	64.58		54.FF	44.66		CN	V ES	
	7897	EKEHC	01405	12124	64.70						YFS	Ü	
				člves	64.70	45.64		65.70	66.16		C	YES	*
	1903	14093	UE VUS	CEVCS	55.25						C	G.V.	
				leven	62.59	64.25		66.25	46.25		CZ	YES	
	2904	12353	luccm	15261	65.21						YFS	UN	
					65.71						YES	CZ	
34						Figure 2-61 (cont).	(cont).	Traceab le	events.	Traceable events, all data.	2.11.2		

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TEST 110 TOACEARLF EVENTS DETAILS AY R W THORNTON

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			12224	65.21	21					C	C
			11624	65.21	121					CN	ON.
			A2621	65.21	21 55,75	65.75	55.75	65.75 67	4215	YFS	YES
בייטט ביי	c60T1	U\$60U	11620	65	65.98					C	ON
•			52432	45.9A	9.8					C	CN
2910 E	E6PM1	0F 90 3	42621	45.96	96					C N	0
			14554	46.96	96					YES	CN
			42371	65.96	96					CN	C
			16363	65.96	96 66.35		90.99	46.96		VFS	YES
!		ŧ	42021	65.96	11.64 46		66.1P	66.75		YFS	YES
			15664	45.94	96 70.03		10.01	70.03		YFS	YFS
3 5166	15093	0040	42121	66.35	35					C	C
2916 F	FANCI	40400	42311	66.21	21					ON	C
			11520	65.21	12					ON	C
			A75.47	66.21	21 67.30					ÜN	YES
2020 FF	FANK1	09H0H	11760	64.25	52					CZ	C
			IEVES	64.25	25					CN	ON
			14668	64.25	56.44 25		64.49	46.58		CN	YES
2021 66	E6DCI -	SCABO	11465	11.49	11					Cir	C
2032 64	SHEAC	50410	52411	47.00	10.78 00		47.03	67,03		CN	YFS
7 LEGC	E6DKI	50A40	14465	67.01	10					ÜN	C
2034 FA	FANNI	40400	15561	67.21	12.72		47.75	51.14		YFS	VF.
			11724	16.71	12.57		72.66	77.75		VES	YFS
2919 F6	F6031	0.9060	1 F 8 2 2	67.33	13					CA	C
			11066	67.13	13 69.03		49.75	70.50		CN	YFS
7 Lyuc	, ÷.	4027)	12020	67.40	an an					C	CN
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0	PAGE NO 25		1			desired themselve on the first management of complementation of the desired de			in consistent and emissions as it is so that						Description of the Addison States of the Control of									the second view of plants is a common to the second to the				
		ARRIVEN	07	CN	CN	NO	CZ	CZ	CZ	YES	YES	CN	CV	YES	YES	YES	YES	YES	ÜN	CZ	YFS	YES	CZ	YFS	YES	YES	07	رې د
4		ASTRISK	CN	UN	ÛN	CZ	C	CN	ON	C	C 27	C 2	CN	ON	CA	C	C Z	C	O	C.	Ç	C	C	CN	YES	CN	LN	C
T A 11 S		T4 SF9 %1									71.06 2625			63.16	44.13		51F9 25.88	69.75 9319			71.50	15.37		64.50	77.75	60.57		
TEST 119 TO ACEARI FEVENTS OFTA ILS AY THORNTON		13								58.5R	72.05 71.85			68.00	58.25	70.00	68.15 68.15	69.75 49.75			71.53	76.33		17.04	12.75	10.01		
TP AC FA		71 12								68.53	71.93 72.			57.46	68.00	70.00	89 51.09	69.75 69.			60.03	76.33		69.41	70.33	12.93		
٠		1.3	67.40	67.40	67.80	10.79	47.91	10.19	10.19	16.19	16.75	67.86	67.96	67.86	67.A6	67.86	69.09	16.79	69.70	49.20	64.73	64.73	69.41	14.69	70.33	70.13	69.64	87.04
26-		t Na	12021	15624	42311	192241	14824	12521	111124	18828	15224	12121	18422	17061	19628	42642	18063	22026	47111	21020	19866	18465	11110	Heer	1176	leves	11620	03031
7		STAFF Ser app				Ú£ 80 #						69403					Grace	01 00 0	01000		30R40		01600		40400		00204	
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gener 1	AS AT	TE 40				2942			er after the first			2943		19			3462	2047	2940		2945		2978		2970		2080	

Figure 2-61 (cont). Traceable events, all data. 3 ...

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TRACFAPIF EVENTS DETAILS AY B W THEONTON

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			10	1	12	13	4	SFO NO	ASTRISK	ARRIVED	
		15524	69.6A	69.63		69.68	69.70		YES	YFS	•
1. 164.1		19824	69.68	69.85	69. PE	69.86	69.88	3808	YES	S LA	
FEDNI	1	F2P31	16.69	16.69	16.69	16.69	70.00	P312	Ş	VE .	
FEFH	80810	M2111	69.00				1		YES		
		52411	69.00	69.00		16.93	80.08		2 2		1
F6DK1	80940	18028	10.58						2		
	!	11524	70.5A					1	Ş	2 9	
		R2841	70.58	70.59		70.58	70.66		CN	OF X	
FANMI	90410	42111	10.61						Ş	, , , , , , , , , , , , , , , , , , ,	
		42121	19.61								
1,5		11828	19.07	70.75		71.00	71.58		5	Z Z	1 1 WE
E6DJ I	0250	42111	11.28						2	S 9	months of the factorists of the con-
	6	4242I	71.28			,	,	j i		OZ CA	
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		15664	70.66								
		11824	70.46						. AE		
		16524	70.66	70.56	70.68	70.66	70.66	6125	, ,		
Fenul	904 30	18424	72.00	72.00		72.08				753	
		18023	72.00	72.00	72.51	77.00		9312		C 44	
E6nv I	0810~	A2A31	12.21								
		185 64	12.21	12.21	12.21	72.21	72.23	3808		333	
		11120	12.21	12.21		72.21					1
		16929	12.21	72.36		72.36	72.36			· ·	
LÁUÝS	Obtun	latem	77.75	77.25	72.25	72.25		1808		YES	
	•	liteca	72.25	77.25		72.25	72.25	,		YFS	

, O	AS AT 31 JAN 74	FTLP STAFF			E6DJ . S0440	E60F1 ₩0400		E6DKI RORAO		FEEHC SOATO			EGDKI ROATO	FANMI FOP40		F6041 90830		E6001 00030	F6031 00940	FAFHC SOALO		FENNI FORIO	FD641 40340				
a		PN TE	15426	42642	S2 A4 1	52431	42411	52441	R2R47	42112	10810	S2411	R2412	14458	F2P42	£ 2032	42432	25020	21026	52A11	47112	F2012	19455	W2427	A2642	11624	
		10	72.25	72.25	72.55	72.58	72.5A	13.00	73.00	73.45	73.45	73.45	73.95	74.00	74.00	73.93	73.A3	74.00	74.16	15.58	15.58	76.03	76.00	76.00	76.90	76.00	1
4		E	72.36	72.39	14.41		72.54		73.00			74.41			74.00	74.00	74.16	14.09	74.25	76.25	99.0A	76.05	14.41	76.59	77.00	17.51	
8 A A		12				-										74.18		74.11									
AY P THORNTON		13	72.38	72.66	74.50		72.75		73.00			14.58			74.03	74.00	74.16	74.0A	74.24	76.30	91.00	76.04	16.41	76.58	17.06	17.51	
TAILS		4	72.40		74.50		72.75		73.08			74.66			74.16	74.16	74.25	74.16	74.33	76.50	41.05	76.09	76.45	76.83		17.51	
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TEST 119 TRACFABLE FVENTS DETAILS BY R W THERNTON

	N N O	STAFF SFC. PFC	E SE		5	ŗ	72	13	41	SFO NO	ASTRISK	ARRIVED	
	EANTI	01606	21624		76.66	69.00		10.01			ON	YES	
	EDAHL	SOA30	52431		76.40	16.91		16.91	77.00		ON	YES	
	FANGI	01600	21624		77.16	61.50		81.58			CN	YES	
1	FD6H1	06405	18452		77.86						2	ON	
	12353	10204	22528		79.25	79.25		78.75	78.25		CN	YES	
			42251		78.25	78.91		78.93	78.95		ves	YES	
			42261	!	78.25	80,33		80.33	90.33	1	YES	YES	
	ED6H1	90840	S2432		78.05						5	02	
			82842		78.05	78.05		78.05	78.11		№	YES	
	E60KI	80940	92842		74.16	78.16	1	78.16	78.25		NO.	VES	
3100	EDAHL	50430	42412		79.00						Q.	ON	
			CENSS		19.00	79.00		79.03	79.16		ON.	YES	The state of the s
	EDGHI	SOA10	W2112		79.11				Transferration .		YES	NO	
			\$2A12		11.61	A3.00		A3.00	83.75		Ę	YES	
			11928	. 14	11.61	46.66		46.66	R6.75		0	YES	
	FENNI	F0P10	F2012	1	79.93	19.93	,	70.96	80.08		Ş	YES	
			42122		79.93	80.16		80.25	80.25		9	VES	man of the state o
			*2112		79.93	80.25		80.26	80.26		YES	YES	
	18093	RON30	£2012	1	40.00	40.00	90.16	80.08	80.08	P312	YES	VES	
			82832		RO.00	A0.16		90.16	PO-50		VES	YES	
	E6001	06600	12032		80.00	14.06	80.45	80.41	14.04	1313	ç	VES	
	E60J I	40420	42422		70.05	79.05		80.00	80.00		Ç	VES	
	FDAME	S0440	52432		80.03	80.05		80.08	90.16		0	VES	
	Efuil	01604	11620		80.30	82.00		82.08			Ē	YES	
i	F6DC 1	40400	M2412		80.75	-					CN	NO	
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# F6DC1	# F6DC1 w0100 w2112 82.7C # F5EU w0390 w2342 82.90 # F5EU w0390 w2341 82.90 # F5EU w030 w2341 82.90 # F5EU w030 w2341 82.90 # F5EU w030 w2341 82.90 # F5EU w030 w2341 84.00 # F5EU w030 w2341 84.00 # F5EU w030 w2341 84.00 # F5EU w030 w2341 84.00 # F5EU w030 w2341 84.00 # F5EU w030 w2341 84.00 # F5EU w030 w2341 84.00 # F5EU w030 w2341 84.00 # F5EU w030 w2341 84.00 # F5EU w030 w3300 w3300 w3300 w00 # F5EU w030 w3300 w3300 w00 # F5EU w030 w3300 w3300 w00 # F5EU w030 w3300 w3300 w00 # F5EU w030 w3300 w3300 w00 # F5EU w0300 w000 # F5EU w0300 w000 # F5EU w0300 w000 # F5EU w0300 w000 # F5EU w0300 w000 # F5EU w0300 w000 # F5EU w0300 w000 # F5EU w0300 w000 # F5EU w0300 w000 # F5EU w0300 w000 # F5EU w0300 w000 # F5EU w0300 w000 # F5EU w0300 w000 # F5EU w0300 w000 # F5EU w0			di di di di di di di di di di di di di d	R2422	82.91					2	2	and the second s	
3 F6DC1 w0100 w2112 82.7C NO 5 EGDVI w0390 w2342 82.90 NO 42631 82.90 82.90 NO YES 42631 82.90 83.00 83.00 NO F5F12 40630 A2632 83.00 83.00 83.00 F5F71 400201 42632 84.00 NO NO E6N91 70040 72.00 83.84.00 84.50 84.50	# E-6DC1 w0100 w2112 82.7C ND				42621	82.91					2	ž	4	
5 E6DVI w0390 82.90 w0 A 2631 82.90 NO YES A 2631 82.90 NO YES A 2631 82.90 NO NO F2P12 82.90 NO NO F5E12 A 0630 A 2637 A 3.03 A 3.25 NO F5F71 M 0201 M 200 A 3.03 A 3.25 NO A 2631 A 4.00 A 4.00 A 4.50 A 4.50 A 4.50 E6NM1 A 0830 F 2037 B 3.63 B 4.00 A 4.56 B 4.58	FSEL2 AOCTO A231 82.90 FSEL2 AOCTO A2632 83.00 FSEL1 AOCTO A2632 83.00 FSEL1 AOCTO A2632 83.00 FSEL1 AOCTO A2632 83.00 FSEL1 AOCTO A2632 84.00 FSEL1 AOCTO A2632 84.00 FSEL1 AOCTO A2631 84.00 FSEL1 AOCTO A2631 84.00 FSEL1 AOCTO A2631 84.00 FSEL1 AOCTO A2631 84.00 FSEL1 AOCTO A2631 84.00 FSEL1 AOCTO A2631 84.00 FSEL1 AOCTO A2631 84.00 FSEL1 AOCTO A2631 84.00 FSEL1 AOCTO A2631 84.00 FSEL1 AOCTO A2631 ATTENDED	3143		0010	42112	82.70						Z		
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F5E12 40G30 A2G32 A3.03 A3.25 R3.75 NO F2F71 W0201 W2751 A6.00 A3.00 A3.00 A3.00 A3.00 A3.00 A3.00 A3.00 A3.00 A3.00 A3.00 A3.00 A4.50 B4.58 NO E6N01 A0830 F7253 B3.65 B4.00 A4.50 A4.50 A4.50 A4.50 A4.50	### ### ### ### ######################				A 2 G 3 1	82.90					¥ES	2		
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F6N01 10040 D2017 83.65 84.00 94.50 84.58 NO E6N41 40830 F2037 83.83 84.00 84.16 84.00 04.00 04.00 04.00	#4.00 F6001 00040 02017 #3.65 84.00 94.50 84.58 NO F600 B4.00 B312 YES				47251	84.00					2 !	Ç		
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	Flaure 2-51 (cont) Taractic	164	EPUM1		F703;	83.83					ř	VF.S		

Traceable events, all data. 1-157

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		APRIVED	YFS	CN	CZ	CZ	CN	YES	YES	YFS	YFS	YES	C	YES	YES	0	C	CN	YFS	YES	YES	YFS	YES	YES	YFS	CN	C	C 2
		ASTPISK	YES	CZ	C	ON	C 2	C	YES	YFS	YES	CZ	C	YFS	CY	C	Ç	Ç	YES	YFS	5	CN	YFS	CN	C	(N	C	C Z
		SFO NO						9211				9089							3105	3105	6334	6306	3105	3108	9089			
TAILS		4	94.08					94.75	84.75	44.84	46.78	94.26		44.75	PK.25				42.00	44.50	45.76	46.18	47.30	50.10	52.0A			
F FVFNTS DE		F	06.48					44.64	\$4.75	34.96	96.90	34.26		46.03	96.00				42.00	64.50	45.25	41.94	47.03	50.0A	52.0A			
TRACFARIF FVENTS NETALLS		7						84.63				16.31							42.09	44.50	45.33	46.25	47.00	50.11	52.11			
TPA		E	94.00					84.5)	94.75	84.75	86.00	96.26		86.00	96.00				42.00	44.50	45.25	46.14	47.00	50.08	57. CA			
		40	43.A3	A4.50	84.50	94.50	84.50	84.50	84.55	84.75	85.78	94.25	A6.00	86.00	84.00	60.03	9.03	0.03	42.00	44.16	44.16	45.10	46.10	50.01	50.01	50.31	50.00	43.46
		0v TF	42412	12521	42261	lsicn	42352W	62427	26063	42632	47837	12631	42412	17641	52442	11,000	42252	211.00	lition	11224	11568	15924	42311	¿182m	A2632	42312	21524	12028
		STACF P	æ	A 05908	,	3	2	•	5 OF 96.3	A OFFICE	ana30 a	WE330	M 0010M	<	-	10201	7		M Olfor	n Clech	4 1	40110 A	7	* 0180m	4	# 0110w	W 0150W	P 1000
	41 31 JAN 74	o Ta D		E6DKI					FENNI	61253	FENN!	E60J	1 2493			FSF91			F6nJ1	11073	7	F60J1		FfnJl		11 1193	FJNII	F5F71
	45 AT 31	T 80		3177					3170	3190	1616	3203	1221			3240		1 0	1426	3242		3243		3244		3245	3246	3247

	Annual Control of the													and the second of the second second second												-		
ARRIVED	Ç	Ž	UN	YES	ON	ON	CN	YES	YFS	YES	YES	ÛN	YES	ON	YES	YES	YFS	CZ	VES	YES	YES	OZ	VES	CN	YES	لمذخ	YES	
ASTRISK	ş	2	Ç	VES	C	CN	C	C	C	D	C	Ç	YFS	6.0	VES	YES	YFS	C	YES	C	Ü	C	C.	CN	Ç	CN	ON	
ON GAS				5629				2639		0317			6725		4069		101 8				90€5							
5				45.54				41.04	44.14	12.50	74.33		64.13		64.49	85.45	95.66		15.61	16.48	85.76		86.16		46.36	11.98	97.00	
F-	i			45.53				47.05	48.16	72.16	74.25		11.69		94.41	15.41	95.58		16.38	16.98	85.75		36.16		94.36	46.31	87.00	
12				45.56				47.08		72.59			69.73		84.61		P 5 . 4 3				A5. 76							
11	•			45.50				47.00	48.15	72.16	74.25		69.70		14.48	15.41	95.59		10.50	16.98	95.75		11.96		86.15	86.30	97.00	
1.0		43.66	43.66	43.66	45.66	44.54	45.46	45.56	49.15	72.15	72.16	86.00	49.58	74.30	64.50	R5.7E	95.25	85.01	10.29	A6.03	85.75	96.11	84.11	86.25	86.25	86.25	86.91	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		12924	65055	47.5KD	65023	12861	16964	£4554	6,067	11063	97847	12924	12268	21026	1521	12764	CENCR	18524	28826	12521	lesev	42631	17017	16928	62066	42631	17631	
STAFF STC DEC					1c20m			1	01000	90830		C.F.00A	40620	01000	C160m	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1	01913		49520	40530	0.3030		n6000		CAFON	01604	
9110					E 5F71				FKNMI	FENAI		FENOI	F 5F 71	FANOI	F6011	EGDKI		2 2 E6DKI		F5F71	E-C-1011	FANJI		FAUNI		E 4 N V 1	£ 6 E6011	
TF 40	1				3249				3269	1250		1251	1257	£56£	4040	1909		4042		6063	4409	6265		9909		4049	6909	
					Ī								198								1					1		

Flaure 2-61 (cont).

TEST 119 TOACEARLE FURNTS DETAILS AV P.W. THORNTON

PAGE NO 32

	ARR IVED	6	YFS	YF S	VES	2	VES	YES
	A A	S	>	>	>	Ž	>	>
	ASTRISK	C	YFS	Ç	ON	ç	02	C
	SFO NO			6306	P312		4303	
	4		P6. PR	10.07	76.00		12.25	66.80
	5		96.86	70.0C	16.00		92.00	84.99
	12			70.05	76.16		82.33	
	T.		86.85	70.00	76.30		16.58	66.78
	2	A6. A6	96.86	70.00	16.00	16.18	16.18	66,78
	No IF	22868	12964	12524	F2032	£2635	G£866	42631
	STAFF SEC OFF	CIECH		A2621	£2023	90930		42631
AS AT 31 JAN 74	671	E 60KI		11012	14493	EANWI	J	Ų
AS AT 3	TF 40	6070		7007	7007	7074		7005
		1						

Figure

Figure 2-61 (cc) Traceable events, all data. *; 40.

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TEST 119 TO A CEABLE EVENTS MEAN UPDATE PER DISPLAY ALL DATA BY R W THOPMED

AS	ST	31	MAL	74

	31 3 kg 74			
015214		Ţ1 7145	n.	MEDM
		TIME	DECTIONNES	11.4E
• A213	77.21	76.91	3	.10
4413	5.91	5.93	1	.09
9117	3,05	3.91	1 .	.04
# R211	205.31	204.83	7	.06
4 R212	42.16	40.25	1	1.91
e	0	11.160 0 1		
R303	82.33	82.00	1	•33
G306	470.42	47C.11	7	
	50.45	50.33	1	.04
6725	312.57	312.49	5	.12
P117	89.49	88 . R 7	4	.01
P312	576.39	575.14	, A	•15
P317	72.50	72.16	1	
P409	20.08	20.00	1	.42
1102	51.98	51.96		.09
1203	144.24	144.09	3	.02
2625	263.27	262.43	8	•05
	369.45	368.47	12	.10
3403	14.50	13.50	1	.08
3105	257.35	257.03	6	1.00
. 3108		50.08		.05
3715	37.35	37.35	1	.03
3909	424.53	423.33	9	•00
4108	40.56_	40.00	1	•13
7 4207	1.10	.75	1	.66
9305	67.56	67.50	1	.35
	1 - (2		.06

Figure 2-62. Display update time, all data.

200

1 15%

BEDOET 3

TEST 110 TRACEARLE EVENTS MEAN HORATE PED DISPLAY ALL DATA BY R W THORATON

AS AT 31 JA'I 74

DISPLAY	T? TIME	T1 TIME	חכרנוף אאַנדק	WEAN T1ME
9303	63.01	63.00	1	.01
9317	87.45	87.41	1	.04
9319	147,86	143.83	?	.01
MEAN TIME FOR	ALL DISPLAYS			.13

Figure 2-62 (cont). Display update time, all data.

201

2-14-

REPORT 3A

TRACEARLE EVENTS MEAN HIRDATE DEP DISPLAY DUDING DISPLACEMENT DE MAIN BY R N THORPITON

A 5	ΛT	7	LAN	74

	DISPLAY SEQ NO	T TIME	T1 TIME	CCCURANCE S	MF 1N TIME
4	A213	.00	.00		.00
4.	8211	21.95	21.91	1	.04
	G306	70.05	70.00		.05
	G725	69.73	69.70	1	•03
	0312	68.15	68.15	1	.00
		20.08	20.00		.08
	2625	72.05	71.33	1	.22
	3909	69.96	69.86	1	•00
	9319	69.75	69.75	· 1	.00
·	MEAN TIME	FOR ALL DISPLAYS			.05

Figure 2-63. Display update time during displacement of main CP.

REPORT 31

TEST LIG TPACEABLE EVENTS MEAN UPDATE PER DISPLAY AFTER DESTRUCTION OF MAIN RY R W THORNTON

AS	AT	31	JAV	74

DISHIAY	. 12	T1 T1ME		OCCUPANCES	MFAN Time
A213	•00	•00			.00
8211	84.63	84.50		1	.13
R301	P5.93	85.58		1	.25
6306	256.69	256.62		3	.02
6115	84.15	84.00		1	•16
MEAN TIME FOR	ALL DISPLAYS		4-	Di 1500aa 1194	

Figure 2-64. Display update time after destruction of main CP.

10

203

2-145

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TEST LID TRACEABLE EVENTS MEAN UPDATE PER DISPLAY UNDER NORMAL COERATIONS RY P W THORNTON

AS AT 31	JAM 74			
DISPLAY	12	71		META
SEO NO	TJ*E	TIME	DCCUPANCES	TIME
A213	77.21	76.91	3	.10
A413	5.91	5.83	1	80.
<u>8117</u>		3.91	· · · · · · · · · · · · · · · · · · ·	.04
8211	98.73	98.42	5	.06
8212	42.16	40.25	1	1.91
<u> 8303</u>	82.33	82.00	The state of the s	.33
G306	143.69	143.49	3	. 16
6311	50.45	50.33	1	.12
G725	242.34	242.79	4	•01
P117	89.49	88.87	-4	.15
P312	424.08	422.99	. 6	.18
P317	72.59	72.16	the section of the se	.42
1102	51.98	51.96	1	.02
. 1203	144.24	144.09	3	.05
2625	191.22	190.60		.08
2629	369.45	368.47	12	.08
3A03	14.50	13.50	1	1.00
3105	257.35	257.03		.05
3108	50.11	50.08	1	.03
3715	37.35	37.35	1	.00
809	354.67	353.4.7	8	15
4108	40.66	40.00	- <u>1</u>	.66
4207	1.10	. 75	= 1 =	.35
9305	67.54	67.50	1	.06
9308	63.01	63.00	1	.01

Figure 2-65. Display update time during normal operations.

9313 80.45 80.41 1

<u>*</u> · · · · · · ·

REPORT 3C

1,2

TEST 119 TRACEABLE EVENTS MEAN UPDATE PER DISPLAY UNDER NORMAL CREPATIONS

BY R W THOPNION AS AT 31 JAN 74 DISPLAY TZ MEAN SEQ NO OCCURANCES 9319 74.08 1 .03 MEAN TIME FOR ALL DISPLAYS .14 Figure 2-65 (cont). Display update time during normal operations.

	_						
S BN	49.64	48.21	41.67	66.67	47.64	19.79	9.78
S3 S3	49.68	49.55	37.50	62.5	45.21	23.15	49.68
BRIGADE S4	22.08	22.08	1	ı	15.25	17.36	19.1
BRIGADE S3	37.04	39.15	20.00	20.00	31.46	25.00	20.00
DIVARTY S3	32.90	40.53	16.67	00.00	27.05	23.42	20.22
DISCOM S3	27.36	30.15	24.75	16.00	20.80	15.30	14.15
ALT MAX FSE	33.86	28.50	50.00	ı	31.14	23.14	24.67 24.86 17.00 12.63 17.47 14.43
ALT MAX G3	25.33	18.10	33.00	44.33	16.40	18.80	17.47
ALT MIN FSE	39.86	39.8	ı	•	27.25	20.25	12.63
ALT MIN G3	31.60	31.60	1	ı	30.20	26.8	17.00
FSE	39.87	38.45	49.33	1	31.17	28.27	24.86
63 0P	40.09	39.50	44.00	ı	25.39	27.50	24.67
CONDITIONS OF RATING	BASE RATING	NORMAL OP	DURING DISP	AFTER DEST OF MAIN CP	ى <u>د</u> اا	t + -	t = t - 2

Figure 2-66. Percent accuracy of friendly SIT maps (allowable error 1500M).

AFTER DEST OF MAIN CP		
DURING DISP OF MAIN CP	999 . 0	44.00 132 3
NORMAL OPERATIONS	0000 0000 0000 0000 0000 0000 0000 0000 0000	39.50 790 20
BASE RATING	88 80 80 80 90 90 90 90 90 90 90 90 90 90 90 90 90	40 · 09 922 23
NT NO (t-2)	- 1 3 3 3 3 3 3 3 4 6 6 6 6 6 6 6 6 6 6 6 6	24.67 518 21
RATING FOR OL MEASUREMENT NO (t-1)	00000000000000000000000000000000000000	· 27.50 605 22
CONTROL (t)	00000 - 00 93 033 66 66 66 88 28 33 0 33 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25.39 584 23
PLAYER MEAS NO (t)	L 2 8 4 8 6 0 1 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	MEAN TOTAL N

Percent accuracy of friendly situation maps - G3 operations element (allowable error 1500M). Figure 2-67.

CONTROL	OL MEASUREMENT NO	NO	BASE	NORMAL	DURING DISP OF	\sim
(t)	(t-1)	(t-2)	RATING	OPERATIONS	MAIN CP	MAIN CP
20		1	20	50		
20	20	ı	20	20		
80	99	99	80	80		
99	09	20	99	99		
99	99	09	99	99		
16	99	99	99		99	
16	16	99	99		99	
33	33	16	33	33		
40	33	33	40	40		
33	0	0	33	33		
33	16	0	33	33		
16		16	91	16		
33	. 91	9[33	33		
50	16	0	20	20		
16	20	16	20	20		
20	91	33	33	33		
0	20	20	20	20		
•	•	1	•		•	
0	0	91	91		91	
0	0	0	0	0		
33	20	16	20	20		
33	16	16	33	33		
0	0	0	0	0		
22	אַנ	71	33	22		
çç	2	9	?	ç		
31.17	28.27	24.86	39.87	38.45	49.33	
717	622	522	917	692	148	
22	21	23	2	20	ო	
					•	

Percent accuracy of friendly situation maps – fire support element (allowable error $1500\mathrm{M}$). Figure 2-68.

AFTER DEST OF MAIN CP	
DURING DISP OF MAIN CP	
NORMAL OPERATIONS	33 40 40 25 20 31.6 158 5
BASE RATING	- - - - 33 40 40 40 25 20 31.6 158 5
INT NO (t-2)	- - - 16 16 33 33 0 20 20 17.00 85 5
RATING FOR CONTROL MEASUREMENT NO (t-1)	16 16 13 20 20 134 5
CONTRO (t)	
PLAYER MEAS NO (t)	1 2 3 4 4 5 6 7 7 11 12 N

Percent accuracy of friendly situation maps – alternate minimum – $\Im 3$ element (allowable error 1500M). Figure 2-69.

DURING AFTER DISP OF DEST OF MAIN CP MAIN CP		
DUR DIS MAI		
NORMAL OPERATIONS	33 0 4 33 33 3 3 6 4 33	39.8 199 5
BASE RATING	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	39.8 199 5
FOR SUREMENT NO 1) (t-2)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12.8 64 5
RATING FOR CONTROL MEASUREM (t)		31.6 158 5
COWTF	1 1 1 1 3 3 3 3 4 3 3 1 1 1 1 1 1 1 1 1	27.8 139 5
PLAYER MEAS NO (t)	- 28450 - 2845 - 286 - 2	MEAN TOTAL N

Percent accuracy of friendly situation maps - alternate minimum fire support element (allowable error 1500M). Figure 2-70.

.

Figure 2-71. Percent accuracy of friendly situation maps - alternate maximum - 63 element allowable error 1500M).

į.t

PLAYER MEAS NO (t)	CONTRO	RATING FOR CONTROL MEASUREMENT NO) (t-1) (IT NO (t-2)	BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
- 0		1	,	•			
7 (i			•			
n •			1				
4	1	•	•				
.5	1		ı				
9	•	•	1				
7		•	ı	•			
æ	1	•	ı	,			
6	ı	•	ı	ı			
10	1	•	•	ı			
	1	•	1	1			
12	1	•	1	,			
13	91	0	16	16	16		
14	33	0	0	33	33		
2	33	33	0	33	33		
9[20	33	33	33	33		
	91	40	16	40	40		
<u>&</u>	09	0	0	09		09	
6	40	04.	50	40		40	
07	o	9	9	91	91		
MEAN	27.25	20.25	12.63	33.86	28.50	20.00	
N	8 2	791 8	5 &	72 8	- 1/1	200	
		,))	•	1	
			-				

Percent accuracy of friendly situation maps – alternate maximum fire support element (allowable error $1500 \, \mathrm{M}$). Figure 2-72.

·**

AFTER DEST OF		16.00 64 4
DURING DISP OF MAIN CP	50 16 0	24.75 99 4
NORMAL OPERATIONS	60 25 25 33 33 33 33 33 33 33 33 33 33 33 33 33	30.05 603 20
BASE	60 25 25 33 33 33 33 33 33 33 33 33 33 33 33 33	27.36 766 28
NT NO (t-2)	20 20 20 33 33 33 60 00 16 16 16 16	14.15 368 26
RATING FOR	- 50 20 33 33 33 00 00 00 00 00 00 00 00 00 00	15.30 413 27
CONTROL (t)	60 25 20 33 33 33 33 33 33 33 33 33 0 0 0 0 0	20.89 585 28
(t)		
PLAYER MEAS NO	100 8 4 9 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MEAN TOTAL N

Percent accuracy of friendly situation maps - DISCOM S3 element (allowable error $1500\mathrm{M}$). Figure 2-73.

AFTER	DEST OF																											,	
DURING	DISP OF						50	•										(> C	>									
	NORMAL	S.O.	3 8	88	100	100			33	16	16	16	16	16	16	16	07	•		C	> 1	ı	1 (1 (1	•			
	BASE	80	83 8	8	100	100	20		33	16	16	16	16	91	J6	92	07	i	> C) C) (l 1					00	7 '	
	VT NO (t-2)		ı	99	83	100	20	ı	33	16	16	0	0	0	0	0 0	>			- C) 1		-	,			00		00
-	Ψ	•	83	99	100	99	20	1	16	91	0	16	0	0	J6	0	<u> </u>) C	o C)	1	ı	1		ı C	0		~ ~ ~
α:	CONTROL (t)	80	83	80	99	99	20	ı	91	0	0	16	91	9[16	9 6	07		> C	o C) į		•	1	ı	ı C	0		L C
	(t)			_		•															_			-					
	PLAYER MEAS NO		2	က	4	വ	9	7	ω	თ	10	ב	12	5 - 3	4 .	<u>ဂ </u>	2	10	<u> </u>	2.5	35	22	23	24		26	27		

Percent accuracy of friendly situation maps - division artillery S3 element (allowable error 1500M). Figure 2-74.

	X	RATING FOR				DURING	AFTER
PLAYER	CONTROL	L MEASUREMENT NO	UT NO	BASE	NORMAL	DISP OF	
NO (t)	(t)	(t-1)	(t-2)	RATING	OPERATIONS	MAIN CP	MAIN CP
	40	ı	1	40	40		
	40	40	•	40	40		
	20	40	40	2	0.5		
	40	20	40	. C	2 2		
	40	40	20	20.5	3.5		
	20	40	40	40	3	Ç	
	20	20	04	2 4		0 4	
	20	75	20.5	75	75	P	
	33	25	25	33	33		
	40	, r.	2 -	3 5	3 6		
	2	88	, <u>r</u>	2 6	000		
	00	20	200	200	00		
	2	-	٦,	22	70		
	- (> (0	0		
	သို့ ပိ	0 0	0	20	20		
	2 5	25	o 6	20	20		
	<u>.</u>	52°	\$ 7	20	20		
	0	0	0	0	0		
	0	0	0	0		0	
	0	0	0	0		0	
	25	0	0	25	25		
	20	20	0	20	50		-
	25	25	25	25	25		
	52	0	52	25	25		
	20	0	0	20	20		•
	<u>ک</u> د	20	0,	20			20
	OG.	20	00	20			20
····	31.46	25.00	20.00	37.04	39.15	20.00	50.00
	818	625	480	963	783	80	100.
T	97	62	T	7.0	70	4	2

Percent accuracy of friendly situation maps - brigade S3 element (allowable error 1500M). Figure 2-75.

AFTER 1	DEST OF	MAIN CP																					ė		
DURING	DISP OF	MAIN CP						ı	1	1	1														
	NORMAL	OPERATIONS	25	25	33	99	99			25	25	1	0	ı	0	0	00	O I	22.08	265	7				
	BASE	RATING	25	25	33	99	99	4	,	25	25	•	0		0	0	00) (22.08	265	2				
	NT NO	(t-2)	ı	•	25	20	99		ı	25	25	•	0	1	0	0	00) I	19.1	191	2				
11-	닏	(t-1)	1	25	25	99	20	•	ł	25	0	•	0	•	0	0	00	οı	17.36	191					Tan provide
	CONTROL	(t)	25	25	33	20	20		ı	0	0	1	0	t	0	0	00	DΙ	5	183					,
	PLAYER	MEAS NO (t)	_	2	က	4	2	9	7	. &	6	10		12	13	14	15	17	MEAN	TOTAL	Z				

Percent accuracy of friendly situation maps - brigade S4 element (allowable error 1500M). Figure 2-76.

	1 -1																					20	75	100	62.50	250 4	
(,)	111					25	20										0 1	ری							37.50	150 4	
	OPERATIONS	75	20	00 75	20 2	3		25	20	100	52	25	0,	7.5	20	0		25	75	75 50	20				49.55	991 20	
E SE	RATING	75	20	90 75	20	25	50	25	20	100 35	\$ 5	25	0	/ Y	20	0	0 75	25 25	75	/5 50	20	50	/5 25	100	9	1391 28	
ENT NO	(t-2)	ı	1 4	200	0	0	0	0	0 (0	67	25	00	2.5	0	0) C	0	0 (00	25	50	25.5	20	11.54	300 26	
FOR SCFE	1	, ;	20	20	25	0	0	0	25	0 2	67 0) K	60	0	0) C	25	0 ;	25 25	20	50	/5 25	100	23.15	625 27	
1:00		75	200	75	20	25	20	25	50	000	> C	>	72	20	20	00	75	25	75	20.2	20	200	75	25		1266	
• [MEAS NO (t)	 0	7 ~	4	2	9	7	∞ (ص در د	<u> </u>		7 (14	15	16	17	0 6	20	23	23	24	52 25	27	28	MEAN	I O I AL	

Percent accuracy of friendly situation maps - battalion S3 element (allowable error I(M). Figure 2-77.

SEST OF		66.67 200 3
1112 1112 1112 1112 1112 1112 1112 111	- 50 75	41.67 125 3
CORMAL CORMAL CORPERATIONS	75 50 66 50 100 25 75 0 75 75 25	48.21 916 19
BASE PATING	75 66 66 75 50 50 100 75 75 75 75 75 75 75	49.64 1291 25
NT NO (t-2)	- 25 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9.78 225 23
F.T.146 FOR FOL "E45UFEYED (t-1)	50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	19.79 475 24
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Figure 2-78. Percent accuracy of friendly situation maps - battalion S4 element (allowable error 1500%).

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PL208305 PL1	PL2C8305 PL1	116	PLI61359 PLI	PL1733P1 PL1	PL172393 PL1	P[189402 PL]	PL189421 PL1	PL181415 PL1	PL177452 PL1	PL175469 PL1	PL168527 PL1	Pt 168527 Pt 1	PL169559 PL1	PL169559 PL1	PL169559 PL1	PI 195637 PL1	PL213683 PL2	PL218682 PL3	PL 322265 PL 3	PL302732 PL3	PL302712 PL3	PL 302732 PL3	PL331856 PL3	PL331836 PL3	PL321836 PL3	PL \$10800 PL36	PL313477 PL29	
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A3632	14	142130	51.36424G	50725171	0743450	PL187535	01243523	PL187598				321
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A3631	11	150933	01187500	PL197435	P1241576	26950110	PL 230533	PL213679				321
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Figure 2-83. FRENSIT map data, FSE att CP.

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Figure 2-90. Accuracy ratings of enemy situation maps

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CONTR	(t)	•	•	99	75	8	•	96	100	100	100	99	100	100	90	100	•	100	1	83	83	100	90.06	1441	Ų.
PLAYER	MEAS NO (t)	_	2	m	4	2	9	7	80	6	10	11	12	13	14	15		239		19	20	21	MEAN	TOTAL	Z

Figure 2-91. Accuracy ratings of enemy situation map - G2 collection, coordination and dissemination element.

2.1-6

PLAYER	CONTROL	RATING FOR OL MEASUREMENT	NT NO	BASE	NORMAL	DURING	AFTER DFST OF
MEAS NO (t)	(t)	(t-1)	(t-2)	RATING	OPERATIONS	MAIN CP	MAIN CP
_	100	1	ı	100	100		
2	100	100	•	100	100		·
m	100	100	100	100	100		
4	33	•	•	33	33		
တ	83	83	75	83	83		
9	ı	•		1		ı	
7	100	100	8	100		100	
∞ —	100	100	100	100	100		
б	100	100	100	100	100		
2	100	100	100	100	100		
	100	001	100	100	100		
12	901	9	100	100	100		
13	8	100	100	100	100		
14	- 00 -	90	100	100	100		
<u>.</u>	001	100	100	100	100		
16	100	100	100	100	100		
17	00 —	100	100	100	100		
<u></u>	1		1	1		1	
19	100	00	901	100		100	
50	100	100	8	100	100		
L			L				
MEAN	95.33	98.94	95.30	95.93	94.40	00.00	
TOTAL	1716	1583	1435	1716	1416	200	
Z	α	75	וב	0[1	·	

Figure 2-92. Accuracy ratings of enemy situation map - G2 analysis and plans element.

2-43

FTER	DEST OF	IN CB				
•						-
DURING	DISP OF	MAIN CP				
	NORMAL	-	95 96 96 100	96.75	387	4
	BASE	RATING	95 96 - 100	96.75	387	4
au	EMENT	(t-2)	90 85 96 -	91.50	366	4
DATTNC	ROL MEASUREMENT	(1-1)	90 96 74 100	90.00	360	4
	CONTR	(t)	95 74 89 -	89.50	358	4
	PLAYER	MEAS NO (t)	- 58432 - 501 - 511 - 51	MEAN	TOTAL	Z

Figure 2-93. Accuracy ratings of enemy situation map - alternate minimum 62 element.

20-12

MEAS NO (t) (t) (t-1) (t-2) RATING OPERATIONS MAIN 1	PLAYER	CONTROL M	TING FOR MEASUREMENT NO	NO L	BASE	NORMAL	DURING DISP OF	DEST OF
1	MEAS NO (t)	(t)	(t-1)	(t-2)	RATING	OPERATIONS		- 1
2	-	1		1	ı			
3	2	1	ı	•	ı			
4 -	က	•	1	•	ı			
5 -	4	J	•	•	1			
6 -	2	•	•	•	t			
7	9	ı	•	ı	1			
8 -	7	•	ı	ı	•			
9 - - - - - - - - - - - - - - - - - - - -	80	1	•	1	•			
0 - - - - - - - - - - - - - - - - - - - -	6	•		•	•			
11	10	ŧ	1	•	•			
12 -		•	1	•	1			
13 82 93 93 93 93 93 93 94 94 96<	12	ı	•	ı	1			
14 96 90 90 96<	3.	82	93	93	93	93		
15 94 94 98 94 95 92<	14	96	90	06	96	96		
16 92 93<	15	94	94	88	94	94		
17 79 87 80 87 87 18 72 75 76 85 19 85 85 85 85 20 63 84 85 85 85 21 100 85 86 100 100 21 100 85 86 87 87 22 85 85 87 87 87 24 85 85 85 85 25 85 85 85 85 26 85 85 85 85 27 85 85 85 85 28 85 85 85 85 28 85 85 85 85 28 85 85 85 85 28 85 85 85 85 28 85 85 85 85 28 85 85 85 85 28 85 85 85 85 28 85 85 85 85 28 83 84.94 87.75 90.60 10 1404 90		92	92	92	26	92		
8 72 73 76 76 9 85 85 85 85 9 85 85 85 85 1 100 85 85 87 87 2 85 85 87 87 3 85 85 85 85 4 85 85 85 85 5 85 85 85 85 6 85 85 85 85 8 83 83 85 8 83 83 85 8 83 83 85 8 83 83 85 8 83 83 85 8 83 83 85 8 83 84.74 87.75 90.60 1356 1375 1359 1404 906 10 1404 906 10		6/2	8/ 1	≅ ∺	% ×	» —	20	
9 85 82 85 85 85 63 84 85 85 85 1 100 85 86 100 100 2 85 87 87 87 3 85 85 87 87 4 85 85 85 85 5 85 85 85 85 6 85 85 85 85 8 85 85 85 8 85 85 85 8 83 83 85 8 83 83 85 8 85 85 85 8 83 83 83 8 84.75 85.93 84.94 87.75 90.60 1 1356 1375 1359 1404 906	<u>∞</u>	72	75	9 :	e 8		0 5	
0 63 84 85 85 85 1 100 85 86 100 100 2 85 87 87 87 3 85 85 87 87 4 85 85 85 85 5 85 85 85 85 6 85 83 83 85 8 85 83 85 85 8 85 83 85 85 8 83 83 83 85 8 83 83 83 85 8 8 83 83 83 8 8 8 83 83 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	19	: 82	82	82	æ 8	Ċ	င္သ	
1 100 85 86 100 100 2 85 87 87 87 3 85 85 87 87 4 85 85 87 87 4 85 85 85 85 5 85 85 85 85 6 85 83 83 85 7 85 85 83 85 8 83 83 83 85 8 83 83 83 83 8 85 85 85 90.60 1356 1375 1359 1404 906 10 10 10 10 10	20	63	\$	& 22	£ ;	82		
2 85 87 87 87 3 85 85 87 87 4 85 85 87 87 4 85 85 85 85 5 85 85 85 85 6 85 83 83 85 7 85 83 83 83 8 83 83 83 83 8 83 83 83 83 1356 1375 1359 1404 906 10 1375 1359 1404 906	21	100	82	86	100	001		
3 85 87 87 87 4 85 85 85 85 5 85 85 85 85 6 85 83 83 85 7 85 83 83 85 8 83 83 83 8 83 83 83 8 84.75 85.93 84.94 87.75 90.60 1356 1375 1359 1404 906	22	82	87	78	87	2 %		
4 85 85 85 85 85 5 85 85 85 85 6 85 83 83 85 7 85 83 83 85 8 83 83 83 8 84.75 85.93 84.94 87.75 90.60 1356 1375 1359 1404 906	23	82	85	87	87	/8		
5 85 85 85 6 85 83 85 7 85 85 83 8 83 83 85 8 83 83 83 8 84.75 85.93 84.94 87.75 90.60 1356 1375 1359 1404 906 16 16 16 10	24	85	85	82	82	8		Ĺ
6 85 83 85 7 85 85 83 85 8 83 83 85 8 83 83 83 8 83 83 83 8 83 83 83 84.75 85.93 84.94 87.75 90.60 1356 1375 1359 1404 906 16 16 10	25	85	82	82	82			χ C ι
7 85 83 85 8 83 83 83 8 83 83 83 84.75 85.93 84.94 87.75 90.60 1356 1375 1359 1404 906 16 16 16 10	56	85	83	83	82			& &
83 83 83 84.75 85.93 84.94 87.75 90.60 1356 1375 1359 1404 906	27	:82	82	83	£ 8			င္သင္
84.75 85.93 84.94 87.75 90.60 1356 1375 1359 1404 906	28	83	83	83	 83			ŝ
1356 1375 1359 1404 906	MEAN	84.75	85.93	84.94	87.75	90.60	80.50	84.5
00 30	TOTAL	1356	1375	1359	1404	906	161	338
	!	7	91	91	16	10	2	4

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Figure 2-94. Accuracy ratings of enemy situation map - alternate maximum G2 element.

74.

AFIER DEST OF MAIN CP		anti-rialising associations of the General College Stagens, graphs of	100 93 81	8
DURING DISP OF MAIN CP	83 90		8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	88.50 354 4
NORMAL OPERATION		96 90 100 100 86 86		91.58
BASE	000 000 000 000 000 000 000 000 000	96 96 100 100 86 86	96 85 90 100 100 81 81	91.08 2368 26
T NO (t-2)	 880 72 88 788	85 90 76 100 100 83	82 83 79 61 90 100 70	83.63 2007 24
RATING FOR MEASUREMEN (t-1)	100 60 80 66 72 90	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	96 885 80 74 100 100 81	86.12 2153 25
CONTROL (t)		67 91 91 100 83 78 86	885 85 80 80 100 81 81 81	86.12 2239 26
PLAYER MEAS NO (t	-28450/		222222 222 232 243 27	MEAN TOTAL N

Figure 2-95. Accuracy ratings of the enemy situation map - division artillery S2 element.

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1	DEST OF	AINC																					0	100	50.00	~
0	ISP OF	AINC					C	000	>									000	>						100.00	4
	HORMAL	ERATIO		0	000	> (\supset			000	0	0	0	0		0	0			000	0 () C	00		85.00 1700	
	BASE		0	\circ	0	> (\circ	\circ	> 0	001	0	0	0	0	00	0	0	0	$\supset \subset$		0 (> C	Þ		84.62	
		(t-2)	1		0	0	0	- 1	- (001	0	0	0	\sim	00	0	0	0	D II	0	1 (> C	0	0	73.13	
	MEASUREMEN	(t-1)		0		0	വ	<u> </u>	\supset	000	0	0	$^{\circ}$	0	\circ	0	0	Or	Ω C		0	o c	0	0	71.20	
2	CONTROL	(t)	100	0			S)	0		000	0	3	0	0		0	0	S		100	0	0 0	00	100	78.62	
- American	LAYE	MEAS NO (t)	-	2	က	4	ഹ	91	~ (∞ σ	01	_	12	13	4 -					21.					MEAN TOTAL	Z

Figure 2-96. Accuracy ratings of the enemy situation map - brigade S2 BICC element. 2-97

AL DISP OF DEST OF IONMAIN CP	100	100	L
NORMA	850 000 000 000 000 000 000 000 000	00 00 00 1 1 1	
BASE	850 000 000 000 000 000 000 000 000 000	0 0000	200
FOR MENT NO (t-2)	- 100 100 100 100 100 100 100	0 00000	50
RATING L MEASURE (t-1)	85 100 100 100 100 100 100 100	0 000 0	. 20
t) CONTRO	85 85 85 100 100 100 100 100 100	0 00 0	100
PLAYER MEAS NO (t	L 2 & 4 & 5 & 6 & 5 & 4 & 5 & 6 & 5 & 6 & 6 & 6 & 6 & 6 & 6 & 6	15 17 18 22 23 24 24	

Figure $\overline{2}$ - $\overline{9}$ 7. Accuracy ratings of the enemy situation map - battalion S2 BICC element.

TYPE			TYPE ALTERNATE CP	ATE CP		
MAP	NIM		MAX		DIV ARTY	ARTY
	PCT	SAMPLE SIZE	PCT	SAMPLE	PCT	SAMPLE SIZE
G2 ENEMY SIT MAP	96.75	4	87.75	17	83.83	9
G3 FRIENDLY SIT MAP	31.60	5	16.40	2 -	88.6	Q

Figure 2-98. Accuracy ratings of maps at alternate CP's.

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*				QUESTION 2			
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Ĭ		TFST 119		S		BY LT. BILL BROWN	
÷		-		CON-D LISTINGS		3.	
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0N-NUILISOd	MEASURE-NO	71 RE	LOCATION *******	LOCATION	LOCATION	LOCATION ******	CARD-CODE
GE 003	01	121900	PL1645	PL1849	PL2044	PL2343	503
GE 003	10	121900	PL3045				503
GE CO3	02	122300	PL1645	PL1 949	PL2044	PL2343	503
GE 003	02	122300	PL3045				503
GE 003	03	130530	PL1645	PL1849	PL2044	PL2343	503
GE 003	03	130530	PL3045		· a		503
GE 004	04	130830	PL3534	PL2344	PL2045	PL3146	503
CE 034	40	130831	PL1745	PL1950	PL2166		503
CE 004	90	131136	PL3534	PL2344	PL2045	PL3146	503
GE004	90	131137	PL1746	PL1950	PL2166		503
GE 004	90	131430	PL3139	PL2344	PL2045	PL2945	503
GE 004	90	131431	PL1 746	PL3148	PL1850	PL 3151	503
GE 004	90	131432	PL1962	PL1565			503
6E 004	0.7	131730	PL3643	PL2344	PL2045	PL2945	503
GECO4	70	131 731	PL1746	PL3148	PL1850	PL3151	503
GF 004	0.7	131732	PL1862	PL1565			503
CE 003	80	132030	PL1647	PL1650	PL1946	PL2243	503

Figure 2-99. ENSIT map data, source control.

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经存货 医动物性 医乳蛋白 计小信息 医多种性 医克勒特氏 医多种性 医多种性 医多种性				2				
**				Z				*
**				STI		z		*
**				CON-D LISTINGS QUESTION 2		BY LT. BILL BROWN		***
**		119		10		8		*
**		TEST 119		NG		316		* *
神神神		TES		STI				*
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**				Ö				*
***								* *
*								*

ON-NOT T 1 200	u	1146	MOTATION	OCATION	LOCATION	I OCATION	CARD-CODE
******	****	*	****	***	***	****	*******
GE003	80	132030	PL2546	PL2849	PL3145	PL 1971	503
GE 003	80	132030	PL3051	PL1862	PL1771	PL2867	503
GE 003	60	132330	PL2346	PL2547	PL3050	PL 3052	503
GE 003	60	132330	PL1567	PL1568	PL 1768	PL1671	503
GE 003	60	132330	PL1971	PL2867			503
GF005	10	140744	PL1447	PL2347	PL2647	PL3346	503
GF 00 5	10	140745	PL3050	PL3053	PL1458	PL1463	503
GF 00 5	10	140746	PL2968	PL1565	PL1667	PL1569	503
GF CO5	10	140748	PL1869	PL1470	PL1771	PL2071	503
GF 005	10	140749	PL1577				503
GE 004	11	141250	PL1653	PL2052	PL2654	PL 3053	503
GE 004	11	141251	PL3156	PL2857	PL1460	PL1463	503
GE 004	11	141253	PL1669	PL2968	PL1474	PL1674	503
GE 004	12	141548	PL2055	PL1656	PL2656	PL3156	503
GE 004	12	141549	PL1459	PL3259	PL2760	PL1463	503
GE 004	12	141550	PL2968	PL1669	PL1474	PL1674	503
GF 005	13	141830	PL1660	PL2059	PL2760	PL3159	503
GF 00 S	13	141830	PL1663	PL3162	PL2965	PL3165	503
GF 005	13	141831	PL2666	PL1669	PL3270	PL1474	503
GF 005	13	141832	PL1674	PL2973	PL3273		503
GF 006	14	142130	PL1464	PL1565	PL1864	PL 2064	503

Figure 2-99 (cont). ENSIT map data, source control.

	2 NC	1
6	QUEST I DN	BROWN
TEST 119	CON-D LISTINGS	BY LT. BILL BROWN
	Q-N00	84

POSITION-NO	MEASURE-NO	11 **	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE	
GF 006	14	142130	PL2759	PL3059	PL3162	PI 2064	*******	
GF006	*1	142135	PL3165	PL3270	PI 3272	2 4 9 5 1 9		
GF 006	•1	142135	PL1069	Pt 1469	91 1440	71077	500	The second secon
GF 006	14	142140	PL1272	DI 1373	28077	11311	503	
GF 006	14	142140	PL1083	PL1384	7,1073	PL1276	503	
GF 006	15	150100	PL1069	PL1469	PL1669	175116	£ 6	deliberation of the second sec
GF 006	15	150100	PL1272	PL1373	PL1673	P1 1276	502	
GF 006	15	150105	PL1464	PL1565	PL1864	1,2064	9	
GF 006	15	150105	PL1083	PL1384	P1.2762	PL2666	Š	•
GF 006	15	150110	PL2867	PL2872	PL3272	Pt 3270	ş	
GF 006	15	150110	PL3165	PL3163	PL3361		3	
GF 006	16	150630	PL1060	PL1083	PL1304	PL 1566	8 8	
GF 006	16	150630	PL1066	PL1174	PL1272	PL1276	503	
GF 006	16	150635	PL1371	PL1469	PL1373	PL 1669	203	
GF 006	16	150635	PL1770	PL1673	PL1766	PL 2066	503	
GF 006	16	150635	PL3479	PL2872	PL3272	PL3270	503	
GF 006	16	150640	PL2666	PL2765	PL2966	PL3165	503	1

Figure 2-99 (cont). ENSIT map data, source control.

*	* *	* *	* *
		7	
	6	QUESTION	BROWN
	TEST 119	CON-D LISTINGS	BY LT. BILL
		CON-D	A

						(!			i			i						
CARD-CODE	503	503	503	503	503	503	503	503	503	503	503	503	503	503	503	503	503	503	503	503	503
LOCATION		PL 1669		PL1675		PL3182		PL 3182		PL3490	PL3082	PL3490		PL 3890	*	PL3890		PL 3890		PL 3990	
LOCATION		PL2973	PL1484	PL3373		PL3179		PL3179		PL3884	PL2984	PL3687	PL3593	PL3490	PL3593	PL3490	PL3593	PL3490	PL3593	689674	PL3599
LOCATION ******	PL3361	PL3165	PL1674	PL2974	PL3177	PL1679	PL1484	PL2080	-	PL3385	PL3890	PL3388	PL3987	PL3388	PL3987	PL3388	PL3987	PL3388	PL3987	PL3390	PL3396
LOCATION	PL3164	PL2666	PL1474	PL1573	PL1476	PL1676	PL3088	PL1581	PL2791	PL3682	PL3593.	PL3188	PL3890	PL3188	PL3687	PL3188	PL3687	PL3188	PL3687	PL3189	PL3893
7 1 ME	150640	150930	150431	151245	151246	151530	151531	151830	151831	152130	152130	160230	160230	160330	160330	160430	150430	160530	160530	160630	160630
MEASURE-NO	16	11	13	81	18	19	51	20	20	21	21	22	22	23	23	54	24	25	25	26	92
PCS1110N-NO	GF 006	GF 005	GF 005	GF 005	GF 005	GF 005	GF 005	GF 005	GF 005	GF 006	GF 006	GF 006	GF 006	GF 006	GF 006	GF006	GF CO6	GF 006	GF C06	GF 006	GF 006

Figure 2-99. ENSIT map data, source control.

*	#	* *	*	#	*
		•	J		
*	6	OHEST TON 2	10111	BROWN	
	TEST 119	SON-TO LISTINGS		BY LT. BILL BROWN	
		CON-D		BY	

CODE		•		•
CARD-CODE	503	503	503	503
Z#				
LOCATION	PL 3990		066E Ta	
20				
.0CAT 10N	PL3893	PL3189	PL 3893	PL3390
2	•	•	Δ.	۵
.OCATION	PL3396	PL3390	13396	68167
100	4	7	PL	4
OCATION	PL3599	639	PL3599	PL3689
L 0 CA	PL3	PL36E9	PL3	PL3
1 T ME	067091	160730	60845	60845
⊢ •	16	16	16	16
MEASURE-NO	27	7.2	80	28
ME AS				
0 # N #				
00 S I T I CON-NO	GF 006	GF 006	GF 006	GF 006
0 +	9	0	9	U

Figure 2-99 (cont). ENSIT map data, source control.

		* * * *	**	**************************************	* * *		
02/27/74 ****	# * **		CATITID-3 LI	* CATILID-3 LISTINGS QUESTION 2		* * * ********************************	PAGE 001
		* * *	BY LT.	BY LT. BILL BROWN	* * 4		
		* *	62	G2 CCED MAIN	• •		
		•	******	电影电话电话电话电话电话 计电话 化水杨烷 化邻苯甲磺胺甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲	* * * * * * * * * * * * * * * * * * * *		
POSITION-NO ##################################	MEASURE-VD P#########	F # #	LOCATION	LOCATION	LUCATION	LOCATION	CARD-C00
M3252	05	122300	PL2336				121

POSITION-NO MEASURE-NO ************************************	T + C	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
3	122300	PL2336				323
03	130510	PL2249	PL1949	PL2357	PL2058	323
40	130830	PL2145	PL2035	PL 1646	PL 0046	323
*0	130930	PL0065	PL1867	PL2071	PL 0870	323
3	130830		PL1336	79607d	PL2065	323
50	131130	PL1646	PL2145	PL1149	PL0757	323
50	131130		PL2634	PL2337	PL0046	323
90	131130	PL2572	PL1772			323
90	131130	PL0165	PL0964	PL 2065	PL1867	323
10	131900	PL1256	79607d	PL0065	PL2065	323
10	131900	PL3246	PL2249	PL1651	PL1148	323
0.7	131800	PL1867	PL1772	PL0870		323
80	132030	PL3146	PL2845	PL 3051		:23

Figure 2-100. ENSIT map data, G2 CC&D, Main CP.

**	* *	* * *	************* PAGE 002		• •	* :
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			传播的复数计算 化电子电子 医多种性性 医多种性性 医多种性 医多种性 医多种性 医多种性 医多种性 医多			

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	CARD-CODE	*	353	323	323	323	323	323	323	323	323		523	323	353
						•									
	LOCATION		1.3048	PL 2070		rt31/3	1,305	2427		PL1256	PL2065	1061	16477	012046	
	LOCATION		2700	175083	PI 2047	P1 3047	PI 2565	91000		Pt 0151	PL1464	Pt.1648	PL2546	PL3045	
	LOCATION ++++++	PL2967	PI 2158		PL1867	PL3045	PL2344			17367	PL1549	PL1947	PL3142	PL3044	
	LUCA 10N	PL3173	PL2249	PL1871	PL2065	PL3044	PL2249	PL0459	771016	-0197		PL2048	PL2749	PL3644	
# # E	**	132030	132030	132330	132330	132330	132330	140050	140850		140850	140950	140850	140850	141300
MEASURE-NO	***	90	60	60	60	60	60	10	10	i :	10	10	10	10	11
POSITION-NO	****	M3252	M3252	M3252	M3252	M3252	N3252	N3251	M3251	M3251	1070	13251	H3251	M3251	M3251

Figure 2-100 (cont). ENSIT map data, G2 CC&D, Main CP.

**	* *	* * .	************** PAGE 003			* *
计算器 医二甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲	* TEST 119	* CATITID-3 LISTINGS QUESTION 2		* BY LT. BILL BROWN	* G2 CCED MAIN	
			02/27/74			

	CARD-CODE		5 2 5	523	523	525	\$7¢	334	+36	324	# C #	526	323	323
	LOCATION *****	P! 3044			1 0 0 10 m	Pt 1256		PI 2165	DI 1073	PL 2860	PL1972	PL2863		PL3262
	LOCATION			P1 0372	P1 0057	PL1653	PL1470	PL1864	PL1866	PL3259	PL2266	PL2861	PL1866	PL2861
	LOCATION	PL3345		NE9974	PL0257	PL2053	PL1464	PL1863	PL2265	PL2757	PL1966	PL2261	013265	PL2261
	LUCA: 10N	PL3644	PL1571		PL0459	PL3152	PL1065	PL1659	PL1863	PL2257	PL3262	PL1963	PL2964	PL1863
1	# # # # # # # # # # # # # # # # # # #	141300	141300	141 100	141300	141545	141545	141545	141830	141830	142130	142130	150100	150100
MEASIBE-NO	***	11	111	11	11	12	12	12	13	13	14	14	15	15
POSITION-NO	***	M3251	M3251	M3251	M3251	M3251	M3251	M3251	M3251	M3251	M3252	M3252	M3252	M3252

Figure 2-100 (con-). ENS:I map data, G2 CC&D Main CP.

		* * * •	**		* * *		
27/74 ****			CATI110-3 LI	* CATIIID-3 LISTINGS QUESTION 2 *			
		* * *	BY LT	BY LT. BILL BROWN	**	************** PAGE 004	PAGE 004
		* *	62	GZ CCED MAIN	* *		
		*	***		* * * * * * * * * * * * * * * * * * * *		
DN-NCILISON	MEASURE-NU	7. T.E.	LOCATION	LOCATION	LUCATION	LOCATION	CARD-C
M3251	17	150930	PL2667	012141		***	****
13061				10161	PL2871	PL3766	123

ON-NCILISOR	MEASURE-NU	T. T. E. H. A. A. A. A. A. A. A. A. A. A. A. A. A.	LOCATION	LOCATION	LUCATION	LOCATION	CARD-CODE
M3251	17	0.000				***	****
	:	130330	PL2667	PL3161	PL2871	PL3766	323
M3251	17	150930	PL1471	PL1474	P1 1867		676
M3251	17	150930	PL0074	0,000		807774	323
M3 251	19	151530	PI 3440	0.707.	PL0772	PL 1269	323
M3251	19	151540	7,00,10	773817	PL2672	PL 2072	323
M3251	9		0/0/1	PL0373	PL0376	NL 9876	323
		151530	PL1573	PL1476	PL1173	PL1173	202
1325 1	19	151530	PL2676	PL2376	PL2172	P 20 2 4	525
M3251	20	151830	NL9581	ARRE		1077L	323
M3.25.1	20	151830	PL3193	PI 3384	*8007.	PL0884	323
M3251	20	151830	PL2182	PI 2685	6		324
M3251	20	151830	PL0787	PL1385	611300	PL 3087	323
M3252	21	152130	PL1885	PL2184	PI 2584	PL1883	323
M3252	21	152130	PL3193	PH3 504		286774	323
		Figure ?	Figure 2-100 (2004)	i di			323

MEASURE-NO TIME LOCATION LOCATION LOCATION LOCATION	7/74 有有有有有有有有有有有有有有有有有有有有有的。 4	计多数语言 经存储 医电子 医甲状腺素 医甲状腺素 医甲状腺素 医甲状腺素 医甲状腺素	* PAGE 005 CARD-CUD	LOCATION	IDN 2	STINGS QUESTS STINGS QUESTS RILL ARDWN CCED MAIN LOCATION LOCATION	CATITID-3 LI BY LT G2 CATITION CATION	* * * * * * * * * * * * * * * * * * *	MEASURE-NO	02/27/74 *****
	# BY LT. RILL RROWN # # G2 CC.ED MAIN # # ################################	# CATITID-3 LISTINGS QUESTION 2 # CATITIO-3 LISTINGS QUESTION 2 # BY LT. RILL RROWN # G2 CC.6D MAIN # G2 CC.6D MAIN # COATION LOCATION LOCATION # COATION LOCATION # COATION # C	323	1676 10	01.3487	PL3189	PL2789	152130	21	M3252
	# BY LT. PILL ARDWN # # G2 CCED MAIN #	# TEST 119 # CATIIID-3 LISTINGS QUESTION 2 # BY LT. RILL BROWN # G2 CCED MAIN #			***	******	***			
计图像设备设备设备设备设备设备设备设备设备设备设备设备设备设备设备设备设备设备设备	# BY LT. FILL ARDWN	# TEST 119 # CATIIID-3 LISTINGS QUESTION 2 # BY LT. RILL BROWN #			* * 1	CCED MAIN	62	* *		
# G2 CC.ED MAIN # # ################################		# TEST 119 # * CATIIID-3 LISTINGS QUESTION 2 # * * * * * * * * * * * * * * * * * * *			* *	. PILL BROWN	8V LT	* *		
* BY LT. FILL RROWN * G2 CCED MAIN * **********************************		# TEST 119 **			10N 2 *	STINGS QUEST	CAT1110-3 L1	* *		
GZ CCED MAIN 62 CCED MAIN						TEST 119		* *		

Figure 100 (cont). ENSIT map data, G2 CC&D Main CP.

		*	***	***	***		
		* * 1	_	TEST 119	* * 4		
		* * *	CATIIID-3 LIS	LISTINGS QUESTION 2	ON 2 *		
02/27/74 *******	* 李明·李明·李明·李明·李明·李明·李明·李明·李明·李明·李明·李明·李明·李	****				***	PAGE 001
		* * *	BY LT.	BY LT. BILL BROWN	• • •		
		* * 1	6.2	AEP MAIN	* * 1		
		• ‡	****		* * * * * * * * * * * * * * * * * * * *		
POST TION-NO	MEASURF-VO	T 1 **	LOCATION ******	LUCATION	LOCATION	LOCATION	CAR D-CODE
M3261	01	121900	PL0147	PL2734	PL1747	pL 1949	323
M3262	02	122300			PL1840		323
M3262	03	130530			PL1846		323
M3261	5 0	130830	PL1384	PL0685	PL0187		323
M3261	40	130830	PL1265	PL1366	PL1064	PL0165	323
M3261	90	131125	PL2245	PL1 746	PL0841	PL1148	323
M3261	50	131125	PL0146				323
M3261	90	131125	PL2165	PL1866	PL1064	PL0165	323
M3261	90	131430					323
M3261	20	131800	PL2834	PL2145	PL1746	PL1148	323
M3261	0.7	131800	PL1384				323

figure 2-101. ENSIT map data, G2 A&P Main CP.

PL0685

PL0165

PL1064 PL2265

PL0146 PL1865

0.7

M3261

	*	*	*	DUESTION 2 *	**	**** PAGE 002	*	* NMO	•	*	•	· · · · · · · · · · · · · · · · · · ·
		TEST 119		* CATITIO-3 LISTINGS QUESTION 2				BY LT. BILL BROWN		G2 AEP MAIN		非非实验的 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性
•	*	*	*	*	*	02/27/74 **************	*	•	#	*	*	#

POSITION-NO *********	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION ******	LOCATION *****	CARD-CODE
M3262	60	132330	PL3243	PL1866	PL2265		323
M3261	10	140740	PL3151	PL1866			323
M3261	11	141315	PL2552	PL1866	PL 2951		323
M3261	12	141530	PL1866	PL2356	PL2956		323
M3261	13	141830	PL3152	PL2257	PL1866		323
M3262	14	142130	PL2257				323
M3262	15	150100	PL2257				323
M3262	16	150630	PL1864				323
M3261	17	150930	PL1864	PL0170	PL1584		323
M3261	19	151600	PL0977				323
M3261	19	151600	PL0070	PL1484			323
M3261	20	151830	PL1484	PL1587			323
M3261	20	151830	PL2373	PL1575	PL0976	PL3881	323

· * ·	4	************* PAGE OUL		*	•	*	*	*
TEST 119	* CATILID-3 LISTINGS QUESTION 2			PY LT. BILL BROWN		G2 ALT		
* * 4	* * *	02/27/74 亦作有本本中的有力不会有有有有有的有的有的有的有的有的有的	*	•	*	*	•	•

POSI TION-NO *********	MEASURE-NO	T. M. W. + + + + + + + + + + + + + + + + + +	LOCATION *******	LOCATION	LOCATION	LOCATION	CARD-CODE
A3622	90	132030	010477	PL9977	PL9875	•	323
A3622	90	132030	PL2071	PL1771	PL0864	PL0065	323
A3622	80	132030	PL2065	PL1666	PL1767	PL2160	323
A3G22	# 0	132030	PL1357	PL2156	PL2159	PL1957	323
A3622	90	132030	PL0650	PL0951	PL1952	PL1154	323
A3622	80	132030	PL1747	PL1246	PL0647	PL0249	323
A3 G22	90	132030	PL3542	PL2742	PL2345	PL2049	. 323
A3622	60	132330	PL3442	PL3144	PL 2947	PL2945	323
A3622	60	132330	NL0977	NL9875			325
A3622	60	132330	PL1666	PL0864	PL0065	PL0477	325
A3622	60	132330	PL2065	PL2164	PL2071	PL1767	323
A3622	60	132330	PL0650	PL0240	PL3064	PL2666	323
A3622	60	132330	PL1357	PL1154	PL0951	PL 0647	323

Flgure 2-102. ENSIT map data, G2 alt CP.

!				******		****			
	POSI TI ON-NO	MEASURE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE	
	A3G22	60	132330	PL2158	PL1951	Bi 1747		***	
	A3622	60	132330	PL2649	PL2245	P1 2048	PL1248	323	1
	A3G22	60	132330	PL2943	PL2742	PI 2744	PL 2156	323	
260	A3621	10	140730	PL0477	PL0077		16067	323	
	A3621	10	140730	PL1868	PL2069	Pt 2071	1221	323	
	A3G21	10	140730	PL0066	PL1 766	91 2144	11111	323	
!	A 3621	10	140730	PL0053	B10454	00171	PL2/67	323	
	A3G21	10	140730	Pt 1255	1000	FL0359	PL0964	. 323	
	A3621	10	140730	P1 2052	PL135/	PL0753	PL0353	323	
-	A3621	10	140730	PL3051	762277 PI 2345	Pt 2158	PL1349	323	
	A3621	10	140730	PL3048	PL2845	FL2149	PL1848	323	8
	A3621	10	140730	PL3542	PL2843	PL3044	PL 2044	323	
1	A 3G21	12	141530	PL1057	PL1359	PL1662	PL3062	323 323	

TEST 119

* CATILID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 ALT

Figure 2-102 (cont). ENSIT map data, 62 ait CP.

	* * *	110N 2 *	********* PAGE 003	• • •	* *	•
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**	₩ • •	• • •	**************************************	**	# #	•

UN-NOILISOd	MEASURE-NO	1 ME	LOCATION	LOCATION	LOCATION *****	LOCATION	CARD-CODE
A3621	12	141530	PL2059	PL2256	PL1754	PL 1352	323
A3621	12	141530	PL3351	PL2 754	PL3056	PL2558	323
A3621	12	141530	PL1869	PL2270	PL2071	PL0372	323
A3621	12	141530	89267N	PL0869	PL1766	PL2166	323
A3G21	12	141530	PL1059	910365	PL0168	59667d	323
A3G21	12	141530	PL0562	PL1362	99607d	PL0960	323
A3G21	12	141530	PL0477	PL0076	PL0177	PL 3474	323
A3C21	13	141830	PL0859	PL1 059	PL0960	PL 2058	323
A3621	13	141830	PL2256	PL2756	PL 3057	PL 1057	323
A3621	13	141830	PL1352	PL1753	PL1455	PL3455	323
A3621	13	141830	PL3474				323
A3621	13	141830	PL2171	PL2270	PL2967	PL3170	323
43621	13	141830	PL1766	PL1968	PL2166	PL1971	323

Figure 2-102 (cont). ENSIT map data, 62 alt CP.

								and the second s					
CARD-CODE	323	323	323	123	323	323	. 323	323	323	323	323	323	323
LOCATION	PL0477	PL0670	PL0367	PL3062	PL3064	PL0963	PL1471	PL2071	PL2464	PL0688	NL 9877	PL0269	PL2961
LOCATION	NL9978	PL0269	9966 TN	PL1562	PL 3261	PL1069	PL1771	PL1864	PL2461	PL0884	NL9875	PL0470	PL3261
LOCATION	NL9876	NL9769	PL0664	PL1361	PL3374	PL1273	PL1662	PL1961	PL2861	PL1283	PL0377	PL0565	PL2559
LOCATION	PL0372	PL0867	PL1362	PL2558	PL3867	PL1674	PL1765	PL2169	PL2864	PL1182	NL9967	PL0866	P1 3867
71ME	141830	141830	141830	141830.	142130	142130	142130	142130	142130	142130	142130	142130	150100
MEASURE-NO	13	13	13	13	14	14	14	14	14	14	14	14	5
POSITION-NO	A3621	A3621	A3621	A3621	A3622	A3622	_ A3G22	A3622	A3622	A3622	A3622	A3G22	A 3622
				262			-						

************ PAGE 004

G2 ALT

BY LT. BILL BROWN

02/27/74 *************

TEST 119

* CATITIO-3 LISTINGS QUESTION 2

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

			I .	***************************************		******			
			* * (TEST 119	• • •			
			• • •	CATILID-3 LISTINGS	STINGS QUESTION 2	ON 2 *			
	02/27/74 **********	*****	*********			***	**********	PAGE 005	
			* *	BY LT.	LT. BILL BROWN	• • (
			• •		G2 ALT	• •			
			• •	***********	*	******	1		
	PCSITION-NO	MEASURE-NO	11 WE	LDCA T 10N	LOCATION	LOCATION	LOCATION	CARD-CODE	
i	A3622	51	150100	PL1090	PL1691			325	
	A3G22	15	150100	PL0686	PL0884	PL1182	PL1184	325	
	A3622	15	150100	NL 9886	PL0081	PL0086	PL0688	325	
į	A3522	15	150100	NL9670	NL9875	01661N	165014	325	
,	A3622	15	150100	PL0377	PL0170	PL0169	NL 9967	328	1
}	A3622	15	150100	PL0663	PL0565	PL0367	PL0371	325	
	A3622	15	120100	PL1276	PL0962	PL1062	1.0867	323	- 1
l,	A3622	15	150100	PL1462	PL1564	PL1367	11211	323	1
	A3622	15	150100	PL2071	198174	PL1764	PL1771	323	1
	A3622	15	150100	PL2464	PL2160	PL 2063	PL2160	323	- 1
	A3G22	15	150100	PL3064	PL2869	PL3374	PL2560	323	
	A3622	16	150630	PL3560	PL3563	PL3161	PL 3270	325	
•	A3622	16	150630	PL1283	PL1184	PL1385	PL1188	325	i

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

		:	**********	************	*******		
POSITION-NO	MEASURE-NO	11 0 0	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
A3622	16	150630	PL0664	PL0787	PL0791	PL0983	325
A.3 622	16	150630	NL9875	PL2489	NL 9884	PL0182	328
A3622	16	150630	PL0471	PL0073	PL0073	PL0075	325
A3622	16	150630	PL1273	PL1276	PL1069	PL0973	325
A3622	16	150630	PL2065	PL1572	PL1568	PL1374	325
A3622	16	150630	PL3272	PL2964	PL2865	PL2871	325
13621	11	150930	PL3958	PL3661	PL3065	PLZBBB	223
12964	1.1	150930	PL2287	PL2189	PL3384	PL3093	323
A3621	11	150930	PL1288	PL1383	PL1486	PL 2684	323
12957	11	150930	PLOBBA	P40892	PL1084	PL1184	
A3621	11	150930	PL0085	P10088	PL0784	PL1184	323
A3621	11	150930	PL0571	PL0374	PL 0072	PL0177	323
17957	17	150930	PL1173	PL1474	PL1276	PL1677	323

CATILID-3 LISTINGS QUESTION 2

TEST 119

BY LT. BILL BROWN

02/27/74 *********************

Figure 2-102 (cont). ENSIT map data, 62 alt CP.

	PAGE 007				LOCATION CARD-CODE	PL 1070 323	PL1868 323	323	PL2684 323	PL1274 323	PL 2972 323	323	PL2685 323	PL0781 323	PL0275 323	PL1375 323	PL2475 323	
ON 2 **	•	• •	• •		LOCATION	Pt.1472	PL2872	PH3504	P10074	PL1577	PL3169	PM3604	PL1990	PL0486	PL0573	PL1172	PL2577	
TEST 119 CATIIID-3 LISTINGS QUESTION 2		BY LT. BILL BROWN	G2 ALT	***************************************	LOCATION	PL1468	PL2664	PL2684	PL0377	PL2072	PL3565	PL3093	PL1588	PL9977	PL0774	PL1672	PL2475	
T CATIIIO-3 LIS		. BY LT.		************	LOCATION	P(1871	PL2867	PL3284	PL0775	PL2769	PL3863	PL3385	PL0988	NL9973	PL1077	PL2172	PL2873	
		• •	• 1	. !	11. 0.00	150930	150930	151230	151230	151230	151230	151530	151530	151530	151530	151530	151530	
	***************************************				MEASURE-NO	17	1.1	18	.18	18	18	10	19	19	61	19	19	
	02/27/74 ********				POST T 10N-NO	A3621	A3621	A3621	A3621	A3621	A3621	A3621	A3 G2 1	A3621	A3621	A3621	A3621	

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

POSITION-NO HEASURE-NO TIME LOCATION LOCATION LOCATION LOCATION LOCATION LOCATION LOCATION CARD-CODE A3G21 20 151830 PL2672 PL2875 PL2677 PL2675 A7627 PL677 PL677 PL677 A7627 A7627	ž	7 ·	4 9 2					and the second s
20 151830 PL2672 PL2875 PL2677 PL1671 20 151830 PL1588 PL1890 PL2687 PL2685 20 151830 PL0872 PL0877 PL0877 PL0877 20 151830 PL10872 PL1172 PL1075 20 151830 PL13082 PL1384 PL3084 PL3085 21 152130 PL2287 PL1889 PL1808 PL3086 21 152130 PL0686 PL1783 PL1885 PL1885 21 152130 PL0686 PL3083 PL1885 PL1885 21 152130 PL0686 PL1283 PL1885 PL1885 22 160230 PL0866 PL1189 PL1885 PL1182 22 160230 PL0866 PL1189 PL1885 PL1885 22 160230 PL0866 PL1889 PL1884	POSITION-NO	MEASURE-NO	#: #:	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
20 151830 PL1588 PL1890 PL2482 PL2685 20 151830 PL0872 PL0774 PL0373 PL0967 20 151830 PL10872 PL0373 PL0275 20 151830 PL1086 PL3864 PL1076 21 152130 PL2287 PL1884 PL3086 21 152130 PL1285 PL1189 PL1286 21 152130 PL086 PL1783 PL1282 21 152130 PL3287 PL189 PL1885 22 160230 PL1285 PL1183 PL1885 22 160230 PL086 PL1191 PL1189 PL1183 22 160230 PL0284 PL089 PL089 PL088 22 160230 PL0284 PL089 PL089 PL088	A3621	.20	151830	PL2672	PL2875	PL2677	PL1671	323
20 151830 NL9973 NL9977 PL0467 PL0467 PL0967 20 151830 PL1775 PL1375 PL1172 PL0775 20 151830 PL1775 PL1375 PL11076 21 152130 PL2287 PL2484 PL2688 PL3086 21 152130 PL1285 PL1189 PL1308 PL1281 21 152130 PL2684 PL3287 PL3693 PL1282 21 152130 PL2686 PL3287 PL3092 PH3504 22 160230 PL1285 PL1189 PL1183 22 160230 PL0686 PL1191 PL1189 PL1183 22 160230 PL0284 PL0089 PL0686 PL0686 PL0686	A3621	20	151830	PL1588	PL1890	PL2482	PL2685	323
20 151830 PL0872 PL0774 PL0373 PL0275 20 151830 PL1775 PL1375 PL1376 PL1076 20 151830 PL2287 PL3086 PL3384 PL3093 21 152130 PL2287 PL1189 PL1763 PL2081 21 152130 PL0686 PL0783 PL0881 PL1282 21 152130 PL1285 PL1283 PL1895 PH3504 22 160230 PL1285 PL1191 PL1189 PL1183 22 160230 PL0686 PL1191 PL1189 PL1883 22 160230 PL0284 PL0089 PL0992 PL0884	A3621	20	151830	NL9973	NL9977	PL0487	PL0987	323
20 151630 PL1775 PL1375 PL1172 PL1076 20 151830 PL2267 PL3066 PL3066 PL3066 21 152130 PL1265 PL1169 PL1763 PL2061 21 152130 PL0686 PL0783 PL0681 PL1262 21 152130 PL3264 PL3092 PH3504 22 160230 PL1285 PL1283 PL1583 22 160230 PL0686 PL1191 PL1189 PL1163 22 160230 PL0686 PL1191 PL1189 PL1684 22 160230 PL0686 PL1191 PL1189 PL1684		20	151830	PL0872	PL0774	PL0373	PL0275	323
20 151830 PL3082 PL3086 PL3384 PL3093 21 152130 PL2287 PL2484 PL2688 PL3086 21 152130 PL1265 PL1189 PL1783 PL2081 21 152130 PL3264 PL3287 PL3092 PM3504 22 160230 PL1285 PL1189 PL1189 PL1183 22 160230 PL0686 PL1191 PL1189 PL1183 22 160230 PL0686 PL1191 PL1189 PL1183 22 160230 PL0686 PL0999 PL0492 PL0684	A3621	20	151630	PL1775	PL1375	PL1172	PL1076	323
21 152130 PL2287 PL2484 PL2668 PL3066 21 152130 PL1285 PL1189 PL1783 PL2081 21 152130 PL3284 PL3092 PH3504 22 160230 PL1283 PL1583 PL1189 22 160230 PL0686 PL1191 PL1189 22 160230 PL0686 PL1191 PL1189 22 160230 PL0686 PL1191 PL1189 22 160230 PL0686 PL0999 PL0492	A3621	20	151830	PL3082	PL3086	PL3384	PL3093	323
21 152130 PL1265 PL1189 PL1763 PL2061 21 152130 PL0686 PL0783 PL0661 PL1282 21 152130 PL3284 PL3287 PL3092 PH3504 22 160230 PL1283 PL1583 PL1783 22 160230 PL0686 PL1191 PL1189 PL1182 22 160230 PL0284 PL0089 PL0492 PL0684	A3622	21	152130	PL2287	PL2484	PL2688	PL3086	323
21 152130 PL0686 PL0783 PL0681 PL1262 21 152130 PL3287 PL3092 PH3504 22 160230 PL1285 PL1283 PL1585 PL1783 22 160230 PL0686 PL1191 PL1189 PL1182 22 160230 PL0284 PL0089 PL0492 PL0684	A3G22	21	152130	PL1285	PL1189	PL1783	PL2081	323
21 152130 PL3264 PL3267 PL3092 PM3504 22 160230 PL1285 PL1283 PL1189 PL1182 22 160230 PL0284 PL0089 PL0492 PL0684	A3622	21	152130	PL0686	PLO783	PL0881	PL1282	323
22 160230 PL1285 PL1283 PL1585 PL1783 22 160230 PL0686 PL1191 PL1189 PL1182 22 160230 PL0284 PL0089 PL0492 PL0684	A3G22	21	152130	PL3284	PL3287	PL3092	PM3504	323
22 160230 PL0284 PL1191 PL1189 PL1182 22 160230 PL0284 PL0089 PL0492 PL0684	A3622	22	160230	PL1285	PL1283	PL1585	PL1783	323
22 160230 PL0284 PL0089 PL0492 PL0684	A3622	22	160230	98907d	161111	PL1189	PL1182	323
	. A3G22	22	160230	PL0284	PLU089	PL0492	PL0684	323

CATILID-3 LISTINGS QUESTION 2

02/27/74 ***************

TEST 119

BY LT. BILL BROWN

G2 ALT

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

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1999年,1999年中华中华中华中华中华中华中华中华中华中华中华中华中华中华中华中华中华中华	TEST 119	CATILID-3 LISTINGS QUESTION 2		BY LT. BILL BROWN	G2 ALT	
			02/27/74 *******			

#EASURE-NO TIME LOCATION	LOCATION LOCATION LOCATION CARD-CODE	PW3504	PL3592 PL3092 PH1400 323	PL3086		PL3086	PL1182	PM3504	PH3504 PL3086 PL0089 325	PH1400	
XX		î									
	RE-NO					23 1603					

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

•	•	•	•	•	*********** PAGE 010	•		
	TEST 119		* CATILID-3 LISTINGS QUESTION 2				BY LT. BILL BROWN	
	•	•	•	•	02/27/74 *********************		•	•

* G2 ALT *

	1			-	1	i				9			!
CARD-CODE	325	325	325	325	325	325	325	325	325	325	325	325	323
LOCATION	PL1783	PL1182	PM1400	PL1189	PL1783	PL1782	PL0089	PL0284	PL 2590	PM2300	PM0000	PL 3493	PL1089
LOCATION	PL1585	PL1189	PL2688	PL0686	PL1585	PL1189	PL3086	PL3092	PL2289	PH1400	PL0492	PL3391	PL1292
LOCATION	PL1283	PL1191	PL2486	PL0684	PL1283	PL1191	PM3504	PL3592	PL2293	PM3404	PL0192	PL3092	PL1488
LOCA TION	PL1285	Pt 0686	PL2287	PL0492	PL1285	PL0686	P M2 3 00	PL3287	PL1191	NM9704	PL0285	PL3089	PM2 300
11ME	160430	160430	160530	160530	160530	160530	160530	160530	160630	160630	160630	160630	160730
MFASURE-NO	52	54	52	52	25	52	25	52	92	56	56	92	7.2
POSITION-NO	A3622	A3622	A3622	A3622	A3622	A3622	A3622	A3622	A3622	A3622	A3622	A3622	A3621

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

seconscented PAGE OII CATILLO-3 LISTINGS QUESTION 2 BY LT. BILL BROWN TEST 119 G2 ALT 02/27/74 *********************

		•					
		•	************	***********	********		
POSITION-NO	MFA SURE-NO	1 # # # # # # # # # # # # # # # # # # #	LOCATION	LOCATION	LOCATION	100.00	
A3621	27	160730	PLZORC		*****	****	CAR D-CODE
A3G21	7.2	160730	PL3491	16921	PL2288	PL2293	323
A3621	27	160730	PL07%	PK3100	PM3504	PL3093	323
A3621	27	160730	PL0163	30000			323
A3621	27	160730	PLIORS		PL0193	PL0593	323
A3G21	28	160845	PLOIB3	***************************************	PL0794	PL0592	323
A3G21	28	160845	PL3399	PL3695	PL 0489	PL0784	323
A3621	28	160845	PM2403	PL2696	2		323
43621	28	160845	PL1488	PL1891	001287	PL 3096	323
4 3621	28	160845	PL1086	PL0794	PM0101	PM2207	323
							(

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

323

PL1292

PM0101

WEASURE-NO	11 45	LOCATION	LOCATION	LUCATION	LACATION	C4PD-C0DE
10	121900	PL0172	PL1 064	PL0165	PL0246	323
10	121900	PL1263	PL1970	Pt 1469	PL0771	323
01	121900	178170	pL1449	PL1550	PL2165	323
20	122300	PL1847	644170	PL1550	PL2165	323
0.2	122300	PL0747	PL2934	PL3759	PL3759	323
20	122 300	PL0172	PL1064	PL0165	PL0246	323
02	122300	PL1869	PL1 370	PL1469	PL0771	323
60	130530	912346	PL2550	PL1847	PL1257	323
03	130530	PL0747	PL0724			323
03	130530	PL1466	PL3368	PL3369	PL 1064	323
603	130530	PL1357	PL0166	PL0072	PL0247	323
60	130530	PL2166	PL1 967	PL1970	Pt 1569	323
40	130930	PL0873	£9607a	PL1645	PL 2045	323

Figure 2-103. EMS:T map data, S2 Div Artv.

		* * *	***		***		
		* *		TEST 119	* 4		
			CATIFID-3 LISTINGS	STINGS OUESTION	ON 2 #		
02/27/74 ***	新春香香香香香香香香香香香香香香香香香香香香香香香香香香香香香香香香香香香香	********			***	***********	PAGE 002
		• •	BY LT.	BILL BROWN			
		* *	\$2	DIV ARTY	督 🐞		
		. :	*****	泰德·李子子 计存储器 计非常存储器 计存储器 计存储器 医甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	* ** ** ** ** **		
CZ-NCILISOS	MEASURE-NO	T + + + + + + + + + + + + + + + + + + +	LOCATION	LUCATION	LOCATION	LOCATION	CARD-CODE
12660	•	130830	PL0145	PL1048	PL0064	NL 9974	323
53921	90	130830	PL1551	PL1255	PL1365	97170	323
03921	40	130830	PL1671	PL0543	PL0645	PL0145	323
03921	90	131136	011971	91176			323
03521	90	131136	PL1365	PL1766	PL3873	PL 1671	323
03921	90	131136	PL1551	PL1256	PL0963	59007d	323
03921	90	131136	979076	PL2045	PL1646	PL 1048	323
03921	90	131136	PL2733	PL0643	PL0145	PL0146	323
D3921	90	131430	PL2064	PL1055	PL1255	PL1551	323
03921	90	131430	PL0064	PL0963	PL1365	PL1766	323
03921	90	131430	41667N	PL0973	PL1671	PL1971	323
03921	90	131430	PL1646				324
03921	90	131430	PL1048	PL0145	PL0146	PL0646	324

Figure 2-103 (cont). ENSIT map data, S2, Div Artk

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		* * 1		TFST 119	• • •			
			CATIFID-3 LISTINGS	STINGS QUESTION 2	# 2 NOI			
02/27/74 **********	-				* * *	**********	PAGE 003	
			BY LT.	BILL BPCWN	* *			
			52	DIV ARTY	* *			
			*******		*****			
0N-NUI 1 I S 0 d	MEASURE-NO	E #	LOCATION	LOCATION	LUCATION	LOCATION	CARD-CODE	
03921	07	131730	PL0064	PL0963	PL2064	PL1766	324	
12660	10	131730	971070	PL1048	PL1551	PL1850	324	
03921	0.1	131730	PL0646			PL1766	324	
13921	0.7	131730	PL1971	PL1671	PL0873	NL 9974	324	
2650	80	132030	PL1652	PL1450	PL1351	PL1356	323	
03922	£ 0	132030	PL2547	PL2348	PL2350	PL2153	323	
D3922	•	132030	PL0165	PL0260	PL3572	PL1176	323	
03922	80	132030	PL3170	PL1970	PL1790	PL0486	323	
03922	80	132030	PL2165	PL1867	PL1569	PL2071	323	
03922	80	132030	PL1156	PL1158	PL1064	PL1665	323	
03922	00	132330	NL9875	PL0076	PL0376	PL1883	323	
03922	60	132330	198176	PL1969	PL3170	PL3143	323	
03922	00	132330	PL1565	PL1070	PL1565	912065	323	

Figure 2-103 (cont). ENS:I map data, S2, Div Arty.

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************		TEST 119		* CATITID-3 LISTINGS ONESTION 2		4	BY LT. BILL HROWN		S2 DIV ARTY		
•	•	•	•	•	•	02/27/74 非非非非非非非非非非非非非非非非非非非的的人工工工工工工工工工工工工工工工工工				•	

CARD-CODE	323	323	323	323	323	324	324	323	323	323	323	323	323
LOCATION	PL0964	PL0255	PL1450	PL2357	PL2547		PL1148	PL1671	NL9976	PL3345	PL2748	PL0547	PL1255
LUCATION	PL0066	PL0449	PL1449	PL2153	PL2546	PL 3053	PL2572	PL1070	NL9774	PL3050	PL2545	PL0347	PL2256
LOCATION	PL0260	PL0648	PL1652	PL2350	PL3246	PL1356	PL0485	PL0870	PL1782	PL3047	PL2051	PL0050	156170
LOCATION	PL0757	PL1051	PLZOSR	PL2347	PL3145	PL1569	PL1883	PL0276	PL0484	PL3045	PL1550	PL1055	PL3656
3**	132330	132330	132330	132330	132330	132330	132330	140730	140730	140730	140730	140730	140730
MEASURE-40	60	60	60	ó	60	60	60	10	10	10	10	10	2.5
ON-NCILIS Jd	03922	03522	D3922	03922	03922	03922	D3922	12660	03921	03921	03921	03521	12680

Figure 2-103 (cont). ENSII map data, S2, Div Arty.

		•	*********	•	•		
		• •		TEST 119	• •		
			CATILIE-3 LISTINGS	STINGS CUESTION 2	10N 2 W		
32/27/74 *********	********	· · · · · · · · · · · · · · · · · · ·					PAGE 005
		• •	9V LT.	HILL RECHN	• •		
		• 6	\$2	POIV ARTY			
		• •	***********		• • • • • • • • • • • • • • • • • • • •		
2 +	PESSUEE-NO	11.	LOCATION	LUCATION	LUCAT ION	LDCAT1CN	CARD-CODE
	10	140730	PL1464	PL1966	PL1964	PL0258	32.1
	10	140730	PL1971	PL3173	1906 IN	PL0864	323
	Ξ	141230	PL2744	PL3346	PL 3444	PL 3045	323
	11	141230	NLORSA	PL0056	PL 1948	PL2247	323
	11	141210	PL1562	PL1464	PL1264	PL0962	324
	11	141230	PL1957	PL3069	PL 3073	PL1971	323
	11	141230	PL2054	PL1255	PL1055	PL 2256	323
		141230	PL3249	PL3051	PL2049	PL 2051	323
	11	141230	PL1283	PLU364	PL0187	N 9891	324
	11	141230	PL0371	NL0076	NL 9774	PL1782	324
	=	141230	PL0762	P10864	PL0870	PL1070	324
	12	141530	16861	PLOIRT	PL04R5	PL0384	324
	12	141530	PL1971				328

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

•	•	N 2 *	4	*********** PAGE 001	*	•	•	•	***
TFST 119		+ CATITIO-3 LISTINGS QUESTION 2				AY LT. BILL BROWN		S2 DIV ARTY	化物物 医多种性 医多种性性 医多种性性 医多种性性 医多种性性 医多种性性 医多种性性
•	•		•	02/27/74 非非非非非非非非非非非非非非非非非非非非非非非非		•	4	•	

CARD-CODE	324	324	324	324	324	324	324	324	323	323	323	323	323	
LOCATION	PL2256	913073	Pl. 1948	Pf. 3346	PL3249	PL1264	PL 0864	NL 0976	PL2661	PL 2962	PL3265	PL 0271	PL1055	
LOCATION	PL2051	PL1055	PL3069	PL3056	PL2744	PL1464	PL0876	PL0371	PL2771	PL3174	PL3472	PL2051	PL0187	
LUCATION	PL3045	PL2349	PL1255	PL1957	NL9856	PL1562	PL1070	PL1283	PL2771	PL3170	PL3364	PL3045	PL3292	
LUCATION	PL2247	P13444	PL3051	PL2054	296074	PLUTEZ	NL9774	PL1782	PL2767	PL3062	PL3462	PL2247	PL1283	
1 = 4 = 4 = 4 = 4 = 4 = 4 = 4 = 4 = 4 =	141530	141530	141530	141530	141530	141530	141530	141530	141830	141830	141830	141830	141830	
MFASURE-NU	12	17	12	12	12	12	12	12	13	13	13	13	13	
DN-NCILISJA	03921	03921	03921	D3921	03921	03921	£3921	03921	D3922	03922	03922	03922	03922	

Figure 2-103 (cont). ENSIF map data, S2, Div Arty.

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FFST 119	* CATILID-3 LISTINGS QUESTION 2 *	******* PAGE 007	BY LT. BILL PROWN	S2 DIV ARTY *	4
	* \$ 02/27/74 ***********************************				

ARD-CODE	****	323	323	323	636	323	323	323	324		324	324	324	324		323	
LOCATION		PL 1291	PLU575	PL1072	01 1748		1917	PL3174	PL1780	097110	1000	FL C 0 7 2	PL0369	PL0872	Pt 1 375	PL1673	
LOCATIGN		710486	PL0060	PL1463	PL1965	PI 2662	20021	276574	PL 3292	PL 0287			PL0472	PL0763	PL1271		
LOCATION	. 610.173	7,107	PL1067	PL2071	PL2062	PL2267	PI 3165		PL2387	NL9777	PL0362	2230	1007	PL1387	PL1341	PL1565	
LOCATION	PL0672		7/117	PLIRES	PL2462	PL2962	PL3260	.001.10	155174	PL0272	PL0365	PL 0875		211378	PL1259	PL1463	
1 L ME	141830	141830		141830	141430	142130	142130	142130		142130	142130	142130	142130	0617.	142130	142130	
MFASURE-NO	13	۲. ا	e e	Ç	13	14	14	14	:	3 T	14	14	71		14	71	
POSITION-NU	22660	52650	03922		03922	23650	03922	03922	03422		N3922	D3922	D3922	01623	7766	03922	

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

		*	***********	***********	********			
		•			*			
		•		TEST 119	•			
		•			*			
		•	CAT1110-3 L	* CATITIO-3 LISTINGS QUESTION 2	10N 2 *			
		•			•			
02/27/74 ******	*******************	********			****	************* PAGE 008	PAGE O	80
		•			*			
		•	BY L	BY LT. BILL BROWN	*			
		•			*			
		•		S2 DIV ARTY				
		•			•			
		•	***********	*****	*******			
200	04 1 2 2 2 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2	7	400	NOTATION	2014470	NOTE AND	7-04	1

PCSITION-NO	MEASUKE-NO	TIME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE	
03922	14	142130	PL1063	PL1766	PL1868	PL1972	323	
03922	15	150100	PL1259	PL1361	PL1271	PL1375	324	
03922	15	150100	PL1463	PL1566	PL1569	PL1673	324	
D3922	15	150100	PL1063	PL1266	PL2767	PL2662	324	
D3922	15	150100	PL3260	PL3165	PL2522	PL 2161	324	
D3922	15	150100	PL1391	PL2387	PL1780	PL 3292	324	
03922	15	150100	PL0272	NL9777	PL1484	PL 0281	324.	
03522	15	150100	PL0365	PL0363	PL0072	PL0060	324	
03922	15	150100	PL 0875	PL0574	PL0365	PL0472	324	
D3922	15	150100	PL1378	PL1387	PL0872	PL0763	324	
03922	16	150630	PL2980	PL2768	PL2662	PL2261	325	
03922	16	150630	PL3079	PL3261	PL2962	PL 2873	325	
03522	16	150630	PL3471	PL3273	PL 3270	PL3174	325	

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

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		*					
		*		TEST 119	•		
		*			•		
		٠	CATIFIE 1	* CATITIO-3 LISTINGS QUESTION 2	* 2 NO		
					*		
******* 71/16/10	· · · · · · · · · · · · · · · · · · ·	********			****	************* PAGE 009	PAGE 009
					•		
		*	AY LT	AV LT. BILL SROWN	*		
		•			*		
			S	SZ DIV ARTY	•		
		*			*		
		:	**********		*******		
OM-MUTTISJA	ON-JUNEAN	1 h	LUCATION	LACATION	MCITADOL	LOCATION	CARO-CO
********	********	*	******	*****	******	******	*****
03522	16	150630	PL0779	PLU975	PL0973	PL0771	325

181717N-MO	MEASURE-NO	7 × 4 ×	LUCATION	L'OCATION	LOCATION	LOCATION	CARN-CODE
225€0	16	150630	PL0779	PL0975	PL0973	PL0771	325
03922	16	150630	PL1169	PL1179	PL1274	PL0981	325
03922	16	150630	PL1776	PL2081	PL1370	PL1470	325
22660	16	150630	PL2163	PL1 967	69114	PL1773	325
03922	16	150530	1666 IN	PL0286	PL2667	PL 2966	325
03922	16	150630	PL1400	PL2089	PL2287	PL3033	325
22660	16	150630	PL1285	PL1390	PL 1486	PL1492	325
22660	. 16	150630	PL0078	NL9777	PL0792	PL0868	325
22660	41	150630	PL0574	PL0471	PL 0373	PL0072	325
12610	9.	151230	PL0771	PL0571	PL 0372	PL 0873	323
17610	E 7	151230	PL1467	PL1569	PL1170	PL1370	323
12660	18	151230	NL9876	PL0073	PL0078	PL0286	323
12650	1.8	151230	PL2089	PL2287			323

Figure 2-103 (cont). EMS!I map data, S2. Div Arty.

		• •		TEST 119	• •		
		• • •	CATILLO-3 LISTINGS	STINGS QUESTION	CN: 2		
02/27/74 ****					***	enessessesses PAGE	010 30V
		• •	HY LT	LT. BILL BHUWN	• • •		
			S	SZ DIV ARTY			
		• :	***********		*		
UN-MUILISUS	CL-3 dis Sina Ch	F 4	LOCATION	LOCATION	LOCATION	LOCAT 10N	C 4R D-COD
12650	18	151230	PL2872	PL3270	PL 3272	PL3274	323
D3 921	61	151230	PL1295	PL1395	PL3193	PL 2869	323
03921	91	151230	PL1284	PL1495	PL0887	PL1491	323
03921	16	151230	PL1378	PL2080	PL3876	PL0881	323
D3921	91	151230	PL2072	PL1773	PL1574	PL1778	323
13921	61	151530	910010	PL0286	PL0777	PL0779	323
03921	jė	151530	NL9674	PL0178	PL0275	PL0474	323
03921	19	151530	PL31 93		PL3383		324
03921	0	151530	967170	PL3777	PL3383	PL 3882	324
03921	61	151530	PL2490	PL1490	PL1491	PL1295	324

Flaure 2-103 (cont). ENSIT map data, S2, Div Arty.

323

PL2775 PL1378 PL1378

PL 2080

PL1284 PL1574 PL1574

PL1174

151530 151530 151530

61

D3921 D3921 D3921

19

PL1576

**********	•		•	QUESTION 2 *	•	**************************************	•	+ NAOS	•	•	•	
*******		TEST 119		* CATILLD-3 LISTINGS QUESTION 2				RY LT. BILL BEDWN		SZ DIV ARTY		*************************
*	•	•	•	•	•	02/77/74 ******************* 47/75/50	•	•	•	•	•	

POSITION-NO	MEASURE-NO	T I I	LOCATION	LOCATION	LUCATION	LOCATION	CAPD-CODE
12660	20	151530	PL0478	PL0286	PL0777	PL0779	323
03921	20	151530	NL9674	911010	PL0275	PL 0474	323
12080	20	151530	PL3193		PL3383		324
03921	20	151530	PL1495	PL3777	PL3383	PL3882	326
03921	20	151530	PL2490	PL1490	PL1491	PL1295	324
03921	20	015151	PL1383	PL1284	PL2090	PL2775	323
03522	21	152130	165270	PL2287	PL 1984	PL1880	323
03922	21	152130		PL3194	PL2986	PL 2783	323
23650	21	152130				PL3289	323
03922	7.1	152130	PL3886	PL3287	PL3487	682870	323
03922	21	152130	PL0179	NL9880	NL 9880		323
03922	2.1	152130	PL0179	NL9880	NL 9880		323
03922	21	152130	PLOGES	PLC479	PL0386	PL0289	323

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

# 1EST 110 # #		会化标题以前的特殊的特殊的特殊的特殊的人的特殊的特殊的特殊的特殊的特殊的	***
CATILID-3 LISTINGS QUESTION 2 HY LT. EILL BPOWN S2 DIV ARTY			
CATITIO-3 LISTINGS QUESTION 2 HY LT. EILL BPOWN S2 DIV ARTY		TEST 112	•
CATITIO-3 LISTINGS QUESTION 2 "HY LT. EILL BPOWN S2 DIV ARTY			
HV LT. FILL BPOWN S2 DIV ARIV	•	CATITIO-3 LISTINGS QUESTION 2	•
HV LT. FILL BROWN S2 DIV ARTY			45
A HY LT FILL RPOWN A C S DIV AXIV A C C DIV AXIV AXIV AXIV AXIV AXIV AXIV AXIV AX	127/74 **********************		************ DAGE 012
A SZ DIV ANTV A SPOWN			45
		HY LT. FILL RPOWN	•
			•
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医多种性性 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基			•
		· · · · · · · · · · · · · · · · · · ·	***

PCSITI UN-NO	MEASURE-NU	3 N I J	######################################	Lifalling	LPCATION	LOCATION	C 4R D-CNDE
03922	21	152130	PL0685				323
22516	21	152130		PL1083	F10983	088014	323
22550	2.1	152130	PL1273	PL1083	PL0983	PL 0890	323
23556	7.7	152130	165174	PL1592	PL1396	Pf 1394	323
52650	2.1	152130	PL1790	611978	PL1578	PL1384	323
03922	22	150230	P1.0290	101077			323
03522	22	150230	PL 0692	PL3194			323
22650	2.5	166230	269070	PL0 796	PL0585	PL 0267	123
03522	2.2	160230			PL1189	PL 0795	323
03522	2.2	150230	401 Ind	011486	PL1189	5610Je	323
226£0	22	160236	15571	167270	PL2092	PL1386	323
03922	22	160210	PL3895	P43710	76 IL 1d	PL3190	323
C3922	22	166230	PL3895	P 43 7 1 0	PL3194	PL3190	323

Figure 2-105 (cont). ENSIT map data, S2, DIV Arty.

D

						************* PAGE 013						
**********************	•	* TEST 119 *	•	* CATILID-3 LISTINGS QUESTION 2 *	•		•	BY LT. BILL BROWN .	•	SZ DIV ARTY *	•	***************************************

	MEASIPE-10	TI ME	LOCATION	LOCATION	NCTION	2011470	2000
*******	*		***	*****	*****	######################################	CARD-C00F
22		160230		16191N	PL3194		323
23		160330	PL2991	PL2491	PL2092	PL1386	323
23		160330	PL3895	P 43 710	PL3194	PL3190	323
23		160330	PL3895	P43710	PL3194	PL3190	323
23		160330		1616JN	PL 3194		323
23		160330	062074	NL9791			323
23		160330	PL0692	PL3104			323
23		160330	26907a	PL0786	PL0585	PL0287	323
23		160330			PL1189	PL0795	323
23		160330	901 lbd	PL1486	PL1169	PL0795	323
54		160430	PL3194	PL3091	PL 2892	PL 2491	324
54		160430	PLISES	PL3891	P#3610	PL3189	324
54		160430	PL0686	PL0692	PL0795	PL0585	324

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

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		* * *		TEST 119	* *		
			CATIIIP-3 LISTINGS	STINGS QUESTION	10N 2 *		
02/27/74 300000000	· · · · · · · · · · · · · · · · · · ·	*********			* *	· · · · · · · · · · · · · · · · · · ·	PAGE 014
		* *	FY LT.	· BILL BEOWN	* *		
		* * *	vi	S2 DIV BRTY	* *		
		•	***********		********		
CN-NCILISJd	MFASURE-N()	T1 WF	LUCATION	LOCATION	LOCATION	LUCATION	CAR 9-CNB
03922	24	160430					****
03922	è					PL1289	324
77450	47	150430	PL2092	504 Ind	PL1386	PL1289	324
22560	34	160430	PL31c4				
52560	54	160430	PM1400	PLIGEG			*76
03922	54	150430					354
03922	24	160430	7.000.00		11.7692		324
			1:307.	PL0289	NL 9892	PM0801	324
D 3762	54	160430		PL0692	PL0795		324
03922	52	160530	P#1400	PL1484			3 22
03922	52	160530			20 80 IN		750
03922	52	160530	PLOZR7	PL0250	21 01 31 N		324
03922	75	140530			7-3-1	104044	324
6	<u>.</u>	066381		PL0692	PL0795		324
22550	52	150530	PLOGRA	PL0692	561073	PL0585	324
03922	25	160530				PL 1289	324

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

			* • •	_	TEST 119	* * *			
			* * *	CATITIO-3 LIS	LISTINGS QUESTION 2	ON 2 #			
0	02/27/74 ********	*******	*******			****	**********	PAGE 015	
			* * *	BY .LT.	BILL BROWN				
			• •	\$2	DIV ARTY	• • •			
			. :	***********	*******************************	******			
4	POSITION-NO	MEASURE-NO	11 **	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE	
	03922	52	160530	PL2002	PM1605	PL1386	PL1289	324	
	03922	52	160530	PL3134				324	
	03922	25	160530	PL3194	PL3091	PL2892	PL2491	324	
t d	D3922	25	160530	PL1585	PL3891	PM3610	PL3189	324	
	03922	56	160630	PL0685	PL0786	PL0985	PL 1089	324	
	03922	56	160630	NL9587	PL0088	PL0086	PL0593	324	
1	03922	92	160630	FL3091	PL2491	ML9507		325	
	03922	92	162630	PL3194	168614	PL1585	PH1400	325	
	03922	56	160630	PL3194				325	
	03 922	97	160630	PL3593	PL3490	PM2002	12615	324	
	03922	56	160630	PL3384	PL3387	PL3490	PL 3393	324	
	03922	56	160630	PL2366	PL2489	PL 3086	Pt.3193	324	
	03922	92	160630	961114	PL1885	PL7184	PL2586	324	
					•				

Figure 2-103 (cont). ENSIT map data, S2, DIV Arty.

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经存储的 计多数 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性		TEST 119		* CATILID-3 LISTINGS QUESTION 2		•		BY LT. BILL BROWN		S2 DIV ARTY		
•		•	•		•	02/27/74 ********************	•	*	•	•	•	•

	-				nage :						-	1	
CARD-CODE	324	323	322	323 - m m m 323	323	323.	223	323	323	223	323	323	323
LOCATION	PL1483	PL 2388	PH1400	. PL1560	PL1383	PL0795	PL 0685	PL0093		PL3093	24.2892	PL0093	PL1488
LOCATION	PL1386	PL2586	PL 1694	PL1784	PL1581	PL0692	PLOZBA	NL 9687		PL3790	PL2967	NL 9687	PL1784
LOCATION	PL1488	PL2385	PL1190	PL1686	PL1085	PI.0590	PL0484	NL9700	Pits 609	PL3886	PM2001	007 SHN	PL1686
LOCATION	PL1290	PL2183	PL1288	P11283	PL0887	PL0389	PL0284	NH9605	PL31%	PL3347	PL2490	S096WN	PL1283
TIME	160630	160730	160730	160730	160730	160730	160730	160730	160730	160730	160730	160830	160830
MEASURE-NO	26	27	27	.27	7.2	27	22	27	27	27	27	28	2.0
POSITION-NO	03922	03921	03921		03921	03921	12010	03921	D3921	12050	D3921	03921	03921
				285			İ	ì					

Figure 2-103 (cont). ENSIT map data, S2. Div Artv.

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**	* *	• •	************** PAGE 017			* *
经存款的 医多种性性 医多种性性 医多种性性 医多种性性 医多种性性 医多种性性 医多种性性 医多种性性 医多种性性 医多种性 医多种	* TEST 119	* CATILID-3 LISTINGS QUESTION 2	* *	* PY LT. BILL SROWN	S DIV ARTY	
			02/27/74 ***********************************			

POSITION-NO	MEASURF-NO	TINE	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE	
03921	28	160830	PL6847	PL1085	1581	2021		
03921	28	160830	PL0189	PL0590	PI 0492	10170	323	
03921	97	160830	PL0286	P10494	2600	2003	323	
12660	28	160830	PL3194	PM3609		58907	323	
03921	8.2	160830	7922				323	
03021	· ·		10001	92.7	PL3790	PL 3093	323	
17660	B 7	160830	PL2490	PM2001	PL 2987	PL2892	323	
03921	82	160830	012183	PL2385	PL2586	PL2388	203	
D3921	28	160830	PL1289	PL1190	PL1694	PM1400	323	

Figure 2-103 (cont). ENSIT map data, S2. DIv Arty.

				TEST 119	****		
			CATILID-3 LISTINGS	STINGS QUESTION 2	ION 2 *		
02/27/74 ********		************				Statestates PAGE	PAGE 001
		• • •	NY LT.	RY LT. BILL BROWN	• • •		
		• • •	S2	S2 BDE/BICC	• • •		
		. :	************	***************************************	* * * * * * * * * * * * * * * * * * * *		
CN-NOIL ISOd	MEASURE-NO	11 ME	L 1CA T I UN	LOCATION	LOCATION	LOCATION	CARD-CODE
9.1822	10	121900	PL1851				324
83822	05	122300	PLIASI				324
83822	ř O	130530	PL1851				324
83621	40	130830	PL0065	P10964	Pt 1862	PL 2165	324
83821	40	130830	PL1848	PL1746	PL1245	PL 2444	324
83821	50	131136	PL1848	PL1 746	PL1245	PL 2444	324
63621	90	131136	PL0065	PL0964	PL1862	PL2165	324
83821	90	131430	PL2145	PL0065	PL 0964	PL2165	324
63621	90	131430	PL2444				324
83821	90	131430	PL2165	PL1848	PL1746	PL1245	324
83821	0.0	131730	PL2165	PL1848	PL1746	PL1245	324
12068	01	131730	PL2145	PL0065	PL0964	PL 1862	324
83821	10	131730	PL2444				324

Figure 2-104. ENSIT map data, S2, Bde

1	•		-	•	•	************ PAGE 002			•	•
******************************		* TEST 119		* CATILID-3 LISTINGS QUESTION 2			* RY LT. BILL BROWN	\$ 80E/91CC		*************
				•		02/27/74 ***************		•		•

CARD-CODE	324	324	324	324	324	324	324	324	324	324	324	324	324
LOCATION			PL1948		PL1948			PL1948	PL1948				
LOCATION			PL 2248		PL2249			PL2243	PL2248				
LOCATION			PL3246	PL1852	PL3246	PL1852	PL1952	PL3246	PL3246	PL1352			
LOCATION	PL1761	PL1 761	PL3145	PL1949	PL3145	PL1949	PL1949	PL3145	PL3145	PL1949	PL1476	PL1879	PL1879
32.11	132030	132330	140700	140700	141230	141230	141530	141530	141 830	141830	142130	150100	150630
MEASURE-NO	60	60	10	10	11	=======================================	12	12	13	13	14	15	16
ON-NOILISOd	83#21	P3B21	B3B21	83821	E3E21	83821	83821	63621	83821	E3E21	83822	83822	B3B22

Figure 2-104 (cont). ENSIT map data, S2, 3de

* TEST 119 *	# CATITIO-3 LISTINGS QUESTION 2 *	*	***************** PAGE 003	* BY LT. BILL SHOWN *	•	* \$2 BDE/BICC *	
			02/27/74 *********				

POSITION-NO	ME ASURE-NO	T1 46	L9CAT10N	LOCATION	LOCATION	LOCATION	CARD-CODE	
83821	11	150930	PL1485	PL0065			324	
83821	17	150930	PL0785	PL1 384	PL2873	PL1064	324	
A3821	1.8	151230	PL1465	PL0065			324	
83821	1.9	151230	PL0785	PL1384	PL2873	PL1064	324	
63621	19	151530	PL1465	PL0065			324	
83821	61	151530	PL0785	PL1384	PL2873	PL 1064	324	
83821	20	151830	PL1465	PL0065			324	
83821	20	151830	PL0785	PL1384	PL2873	PL 1054	324	
83822	21	152130	PL3595				324	
83822	22	160230	P 42 701				324	
83822	23	160330	PM2701				324	
93822	5.4	140430	PM2701				324	
83822	52	160530	PM2701				324	

Figure 2-104 (cont). ENSIT map date, 53, 9de

			PAGE 004			CARD-CODE	324
			**************************************			LOCATION	
********	• •	10N 2 *	* * *	* *	* * * * * * * * * * * * * * * * * * * *	LOCATION	
***************************************	TEST 119	CATITID-3 LISTINGS QUESTION 2	BY LT. BILL BROWN	SZ BDF/BICC		LUCATION	
***********		CAT1110-3 1	1 48		**********	LUCATION	PM2701
	••				•	7 + + + + + + + + + + + + + + + + + + +	150630
						ME ASURE-NO	26
		02/27/74 *********				POSITION-NO	B3 E 22

Figure 2-104 (ccnt). ENSIT map data, S2 Bde

			**********	· · · · · · · · · · · · · · · · · · ·	*******		
				TEST 119	•		
			CATI 11D-3 LI	* CATILID-3 LISTINGS QUESTION 2	ON 2 **		
02/27/74 ******	化物物物物物物物物 化邻苯甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲	*******			* * *	************ PAGE 001	PAGE 001
		• •	BY LT.	BY LT. BILL BROWN	• • •		
		* 1	25	S2 RN/31CC			
		:	**********		* * * * * * * * * * * * * * * * * * * *		
0N-NC I L I S () d	MEASURE-NO	# # # # # # # # # # # # # # # # # # #	LOCATION *****	LOCATION	LOCATION	LOCATION	CARD-CO

CARD-CODE	324	324	324	324	324	324	324	324	324	324	324	324	324
LOCATION	PL1738		PL1857	PL1934									
LOCATION	PL1636		PL1939	731840									
LCCATION	PL1839	PL1338	PL2028	PL1830									
LOCATION ****	PL1936	PL1117	PL2037	PL1737	PL1540	PL2248	PL1642	PL1642	PL2249	PL1642	PL1642	PL2146	PL1974
+ 1 * * * * * * *	121900	122300	122300	122300	130530	130830	130830	131130	131130	131430	131430	131730	131936
MCASURE-NO	01	02	02	20	ž O	*0	**	50	90	90	90	20	20
0N-NC I L I S Od	F3 P2 2	F3P22	F3P22	F3P22	F3P21	F3P21	F3P21	F3P21	F3P21	F3P21	F3P21	F3P22	F3P22

Figure 2-105, ENSIT map data, S2, BN

**							PAGE 002			٠			
	•	•	•	*	•	•	***** PAGE 002	•	•	•	•	•	
	****************************		TEST 119		F CATILID-3 LISTINGS QUESTION 2				BY LT. RILL BROWN		S2 BN/BICC		
•	**	•	•	•	•	•	02/27/74 *********************	•	•	•	•	•	
							02/27/74						

POSITION-NO	MEASURE-NO	7 I ME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE
F3P22	0.7	131730	PL2146				324
F3P22	10	131730	PL1851				324
F3P22	10	131730	PL1851				324
F3P22	70	131730	058170				324
F3P21	60	132030	PL2043				324
F3P21	80	131030	PL1945				324
F3P22	80	132030	PL1942				324
F3P21	10	140730	PL1853	PL1759			323
F3P21	11	141230	PL1853	PL1859			323
F3P21	12	141530	PL1853	PL1959			323
F3P21	13	141830	PL1670	PL1859			323
F3P22	14	142130	PL1759				323
F3P22	14	142130	PL1760				323

Figure 2-105 (cont). ENSIT map data, S2, BN

••••	**************************************		• • •
* TEST 119 *	# CATITID-3 LISTINGS QUESTION 2	02/27/74 ***********************************	\$ 52 BN/BICC

#EASURE-40 TIME LOCATION LUCATOR (************************************					201	NOTATION	LOCATION	CARD-CODE
14 142130 14 142130 15 150110 15 150100 15 150100 15 150100 17 150930 17 150930 18 151230 19 151530 19 151530 19 151530 19 151530	UN-NOILISOL	MEASURE-NO	1 N M + + + + + + + + + + + + + + + + + +	LOCATION	LUCA: 107	***	****	:
14 142130 PL1760 15 150110 PL2557 15 150100 PL1760 15 150100 PL1661 15 150100 PL1669 17 150930 PL1670 17 150930 PL1670 18 151230 PL2870 19 151530 PL2867 19 151530 PL2867	62023	14	142130	PL1759				
15 150110 PL2557 15 150100 PL1760 15 150100 PL1669 15 150930 PL1670 17 150930 PL1670 18 151230 PL2870 19 151230 PL2867 19 151530 PL2867	5363	71	142130	PL1760				
15 150100 PL1759 15 150100 PL1561 15 150100 PL1669 17 150930 PL1770 18 151230 PL2870 19 151530 PL2867 19 15153C PL2867	F3P22	15	150110	PL2557				m .
15 150100 PL1760 15 150100 PL1669 15 150930 PL1770 17 150930 PL1770 18 151230 PL2870 19 151530 PL2870 19 151530 PL2870 19 151530 PL2870	F3P22	15	150100	PL1759				r) '
15 150100 PL1561 15 150100 PL1669 17 150930 PL1770 18 151230 PL2870 19 151230 PL2867 19 151530 PL2867 19 151530 PL2867	F3P22	15	150100	PL1760				
15 150100 PL1669 17 150930 PL1770 17 150930 PL1670 18 151230 PL2870 19 151230 PL2867 19 151530 PL2867 19 15153C PL2870	F3P22	15	150100	PL1561				
17 150930 PL1770 17 150930 PL1670 18 151230 PL2870 19 151530 PL2867 19 15153C PL2870	F3P22	15	150100	PL1669				
17 150930 PL1670 18 151230 PL2870 19 151530 PL2867 19 15153C PL2870	F3P21	17	150930	PL1770				324
18 151230 PL2870 19 151230 PL2867 19 15153C PL2867	F3P21	1.1	150930	PL1670				.
19 151230 PL2867 19 151530 PL2867 19 15153C PL2870	F3F21	18	151230	PL2870				m (
19 151530 PL2867 19 15153C PL2870	F3P21	1.9	151230	PL3065				
19 15153C PL2870	F3P21	61	151530	PL2967				
	F3P21	61	151530	PL2870				

Figure 2-105 (cont). ENSIT man data, S2, AN

POSITION-NO	MEASURE-NO	T ME	LOCATION	LOCATION	LOCATION	LOCATION	CARD-CODE	
F3P21	20	151830	PL2867				324	
F3P22	20	151830	PL2970				324	
F3P22	21	152130	PL1670				324	
F3P22	21	152130	PL2665				324	
F3P22	21	152130	PL3481				324	
F3P22	12	152130	PL3379				324	
F3P22	21	152130	PL3481				324	
F3P21	21	152130	PL3182				324	
F3P21	56	160630	PL3466				324	
F3P21	92	160630	PL3379				324	
F3P21	56	160630	PL3481				324	
F3P21	56	160630	PL2270				324	
F3P21	27	160730	PL3466				324	

Figure 2-105 (cont). ENSIT map data, S2, BN

	PAGE 005			CARD-CODE
	* * * * * * * * * * * * * * * * * * *			LOCATION
			• • • • • • • • • • • • • • • • • • • •	LOCATION
• TEST 119	* CATILID-3 LISTINGS QUESTION 2	BY LT. BILL BROWN S2 EN/91CC	•	LOCATION
*****	CAT1110-3 L19	87 LT. S2	• • • • • • • • • • • • • • • • • • • •	LOCATION
•••			* *	11 35
	***************************************			MEASURE-NO
	02/27/74 **********			POSITION-NO

PL3379

160730

F3821 F3P21

PL3481

PL2269 PL3379

160830 160830

27 27 27 28 28 28

F3P21

F3221 F3P21

295

PL3466

Figure 2-105 (cont). ENSIT map data, S2, BN

					CONDITIC	N.			3	10000		
		NORMAL			DISI	DISPLACEMEN	1	100	DES	DESTRUCTION		100
NAME OF CHART	No No Possible Correct	No Correct	96	Sample	No No Possible Correct	No Correct	26	Sample	No No Possible Correct		×	Sample
UNIT STRENGTH	200	107	53.1	01	40	32	80.0	2	•	1		
TACTICAL LOGISTICS REPORT		107	59.4	6	20	80	40.0	-		•		•
AIRCRAFT AVAILABILITY	126	16	72.2	6	126	16	72.2	-	•	•	1	•
AMMUNITION STATUS	50	33	62.0	2	50	31	62.0	-		•		1
ARTILLERY POSITION	53	32	60.3	თ	8	∞	100_0	-	•	•		1
COMBAT VEHICLE	50	27	54.0	'n	50	27	54.0	-	•	1	ı	•

Figure 2-106. Main CP chart accuracies.

(

					CONDITION							
		NORMAL			DISPLACEMENT	CEMENT			DESTRUCTION	CTION		
NAME OF	No No Possible Correct	Sorrec	36	Sample	No No Possible Correct	No Correc	96	Sample Size	No No Possible Correct	No Correct	30	Sample
UNIT STRENGTH	180	104	57.7 10	10	20	19	95.0	-	20	6	45.0	-
TACTICAL LOGISTICS REPORT	180	100	55.5	10)	50	9	30.0	-	50	7	35.0	-
AIRCRAFT AVAILABILITY	126	93	73.8	10	14	12	12 85.7	-	14	ω	57.1	_
AMMUNITION STATUS	8	35	43.8	6	10	4	40.0	-	10	4	40.0	
ARTILLERY POSITION	39	28	71.8	თ	က	0	0.0	-	-	-	1 100.0	٦
COMBAT VEHICLE	06	36	40.0	6	10	S	50.0	-	10	S	50.0	-

Figure 2-107. Altermate CP chart accuracles.

					CONDITION							
		NORMAL				DISPLA	DISPLACEMENT		٥	DESTRUCTION	LON	
NAME OF CHART	No No Possible Correct	No Correc	36	Sample	No No No Possible Correct %	No Correc		Sample Size	No No Possible Correct	No Correct	24	Sample Size
UNIT STRENGTH	99	20	M	10]6	9	62.5	7	æ	4	12.5	٦
TACTICAL LOGISTICS	62	33	53.2	6	9	ო	50.0	-	•			
AIRCRAFT AVAILABILITY	14	80	57.12 7	7	2	-	50.0	-	,	1		
AMMUNITION STATUS	ŧ	1	1		• ;	1	•			1	•	
ARTILLERY POSITION	,	•	1		•	•	1		,	1	•	
COMBAT VEHICLE	70	45	64.29 7	7	10	-	70.0	-	01	2	20.0	-

Figure 2-108. Brigade CP chart accuracies.

				NOO	DITION							
		NORMAL			SIG	ISPLACEMENT	N.		DESTR	DESTRUCTION		
NAME OF CHART	No No Possible Correc	No Correct	t % S	Sample Size	No No No Possible Correct %	No Correct		Sample	No	No		Sample
UNIT STRENGTH	88	30	34.0 11		91	က			œ	~	37 5	-
TACTICAL LOGISTICS REPORT	72	52	72.2 9	6	8	25	5 62.5	-	ω ω	9	75.0	-
COMBAT VEHICLE	90	09	66.7	66.7 9 10	10	8	8 80.0	-	10	7	7 70.0	-

Figure 2-109. Battailon chart accuracies.

AIRCRAFT AVAILABILITY	84	26	66.7	7	ı		•	ı	12	9	50.0	-
AMMUNITION STATUS	80	42	52.5	8	20	10	50.0	8	10	4	40.0	-
							100000				20.2	1
ARTILLERY POSITION	64	40	62.5	œ	16	7	43.7	2	α	Y	75.0	-
										2	0.0	-

Figure 2-110. Div Arty chart accuracies.

I	-
	50.0
	5
	10
	_
	50.0
	2
	10
	6
	40.0
	36
	90
	VEHICLE
	OMBAT VEHIC

Figure 2-111. DISCOM chart accuracies.

BRIGADE CP SI SI	TIME	Æ					_	IONS						
No. No.	MEASU	REMENT	MAIN	ک		ALTERNA G1			BRIGAL S1			BATTA	LION	
No. No. <th>Sontr</th> <th>ol Player</th> <th>Accurac</th> <th>y Ratin</th> <th>Б</th> <th>Accurac</th> <th></th> <th>6</th> <th>Accuracy</th> <th>/ Ratin</th> <th>6</th> <th>Accurac</th> <th>y Ratin</th> <th>Б</th>	Sontr	ol Player	Accurac	y Ratin	Б	Accurac		6	Accuracy	/ Ratin	6	Accurac	y Ratin	Б
0 20 0.0 -			No Correct	No Possib	le PCT	No Correct	No Possib		No Correct	No Possib		No Correct	No Possib	le i
15 20 0.0 - - - - - 4 6 66.7 2 8 15 20 75.0 14 20 70.0 2 65.0 33.3 4 8 14 20 75.0 14 20 70.0 2 65.0 4 8 14 20 75.0 13 20 65.0 2 6 33.3 4 8 11 20 70.0 13 20 65.0 2 6 33.3 4 8 11 20 40.0 9 20 45.0 2 6 0 4 6 11 20 55.0 10 20 50.0 0 6 0 4 8 11 20 55.0 10 20 50.0 0 6 0 6 8 12 20 85.0 10 20	122400		•			ı	ı	ı	•	•		9	œ	75.0
15 20 75.0 - - - - - - 66.7 33.3 4 8 15 20 75.0 14 20 70.0 2 65.0 33.3 4 8 14 20 70.0 13 20 65.0 2 6 33.3 4 8 11 20 70.0 9 20 45.0 2 6 33.3 4 8 11 20 55.0 10 20 50.0 0 6 0 4 6 11 20 55.0 10 20 50.0 6 0 4 8 11 20 55.0 10 2 6 0 6 0 8 17 20 85.0 19 2 6 10 6 8 18 20 95.0 95.0 95.0 95.0 9 9 <td></td> <td>130600</td> <td>0</td> <td>20</td> <td>0.0</td> <td></td> <td></td> <td>-</td> <td>4</td> <td>9</td> <td>2.99</td> <td>٥.</td> <td>∞</td> <td>25.0</td>		130600	0	20	0.0			-	4	9	2.99	٥.	∞	25.0
15 20 75.0 14 20 70.0 2 6 33.3 4 8 14 20 70.0 13 20 65.0 2 6 33.3 4 8 8 20 70.0 13 20 65.0 2 6 33.3 4 8 11 20 40.0 9 20 45.0 0 6 0 4 6 11 20 55.0 10 20 50.0 0 6 0 4 8 11 20 55.0 10 20 50.0 6 0 6 0 8 9 17 20 85.0 19 20 95.0 6 10 6 0 8 9 8 18 20 95.0 95.0 95.0 1 8 15.5 9 1 8 13 20 95.0		a 131200	15	20	75.0	ı	ı	,	4	9	66.7	က	∞	32.5
14 20 70.0 13 20 65.0 2 6 33.3 4 8 8 20 40.0 9 20 45.0 2 6 33.3 5 8 11 20 40.0 9 20 50.0 0 4 6 9 4 6 11 20 55.0 10 20 50.0 6 0 4 8 11 20 55.0 10 20 50.0 6 0 6 0 8 8 10 20 20 0.0 20 0 6 0 0 8 8 17 20 85.0 19 20 95.0 9 <		131800	15	20	75.0	14	20	70.0	8	9	33.3	4	œ	50.0
8 20 40.0 9 20 45.0 2 6 33.3 5 8 111 20 55.0 10 20 50.0 0 6 0 4 6 111 20 55.0 10 20 50.0 0 6 0 4 8 11 20 55.0 10 20 50.0 0 6 0 4 8 11 20 55.0 10 20 50.0 6 0 0 8 8 17 20 85.0 19 20 95.0 6 10 60.0 9 8 18 20 95.0 95.0 95.0 95.0 95.0 9		132400	14	20	70.0	13	50	65.0	2	9	33.3	4	œ	50.0
11 20 55.0 10 20 50.0 6 0 4 6 11 20 55.0 10 20 50.0 0 6 0 4 8 11 20 55.0 10 20 50.0 0 6 0 6 8 0 8 10 20 20 0.0 5 6 10 60.0 8 8 8 8 8 8 8 8 10 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 112 8 112 8 112 8 112 8 112 8 112 8 112 8 112 8 112 8 112 8 112 112 8 112 8 112 112 112 11 8 11 8	132400		ω	20	40.0	6	20	45.0	2	9	33.3	2	∞	62.5
11 20 55.0 10 20 50.0 0 6 0 4 8 11 20 55.0 10 20 50.0 0 0 0 8 0 8 0 8 0 8 0 8 0 8 0 8 0 8 0 8 0 95.0 <td>.5</td> <td>141200</td> <td>=</td> <td>20</td> <td>55.0</td> <td>10</td> <td>20</td> <td>50.0</td> <td>0</td> <td>9</td> <td>0</td> <td>4</td> <td>9</td> <td>50.0</td>	.5	141200	=	20	55.0	10	20	50.0	0	9	0	4	9	50.0
11 20 55.0 10 20 50.0 6 0 6 0 6 83.0 0 8 17 20 85.0 19 20 95.0 6 10 60.0 0 8 19 20 95.0 95.0 3 10 30.0 1 8 18 20 90.0 19 20 95.0 2 8 25.0 9 8 - - - 9 20 45.0 1 8 12.5 3 8 139 240 58% 132 220 60 31 90 34.4 36 112		141800	=	20	55.0	10	50	50.0	0	9	0	4	∞	50.0
0 20 0.0 20 0.0 5 6 83.0 0 8 17 20 85.0 19 20 95.0 6 10 60.0 0 8 19 20 95.0 3 10 30.0 1 8 18 20 90.0 19 20 95.0 2 8 25.0 0 8 - - - 9 20 45.0 1 8 12.5 3 8 139 240 58% 132 220 60 31 90 34.4 36 112		142400		20	55.0	10	20	50.0	0	9	0	0	80	0.0
17 20 85.0 19 20 95.0 6 10 60.0 0 8 19 20 95.0 19 20 95.0 3 10 30.0 1 8 18 20 90.0 19 20 95.0 2 8 25.0 0 8 - - - 9 20 45.0 1 8 12.5 3 8 139 240 58% 132 220 60 31 90 34.4 36 112	142400		0	20	0.0	0	20	0.0	2	9	83.0	0	œ	0.0
19 20 95.0 31 10 30.0 1 8 18 20 90.0 19 20 95.0 2 8 25.0 0 8 - - - 9 20 45.0 1 8 12.5 3 8 139 240 58% 132 220 60 31 90 34.4 36 112		a151200	17	20	85.0	19	50	95.0	9	10	60.0	0	∞	0.0
18 20 90.0 19 20 95.0 2 8 25.0 0 8 - - - - 9 20 45.0 1 8 12.5 3 8 139 240 58% 132 220 60 31 90 34.4 36 112		151800	19	20	95.0	19	20	95.0	ო	10	30.0	_	æ	12.5
9 20 45.0 1 8 12.5 3 8 139 240 58% 132 220 60 31 90 34.4 36 112		152400	18	20	90.0	19	20	95.0	2	ω	25.0	0	œ	0.0
139 240 58% 132 220 60 31 90 34.4 36 112	152400	p160600	t	1	,	6	20	45.0	-	80	12.5	ო	œ	37.5
		TOTALS	139	240	58%	132	220	09	31	06	34.4	36	112	32.

a Main CP displacing b Main CP destroyed Figure 2-112. Accuracy ratings for unit trength charts at various CP locations.

HANDINGEMENT HAIN CP ALTERNATE CP SASTON CONTINUE SASTON						707	LOCATION							
No No<	MEASURE	MENT	AA 63	VIN CP					BB	IGADE S3		BA	TTAL 10	×
131800 20 14 70.0 20 14 70.0 6 2 33.3 8 5 132400 20 14 70.0 6 5 83.3 8 5 140600 20 14 70.0 6 4 66.7 8 2 141200 20 17 85.0 20 14 70.0 6 4 66.7 8 3 141200 20 17 85.0 20 14 70.0 6 4 66.7 8 3 141800 20 10 80.0 20 14 70.0 6 3 50.0 8 8 1 151200 20 10 50.0 6 30.0 6 3 50.0 8 8 1 151200 20 10 50.0 6 30.0 8 90.0 8 1 155600 20 1	Control	Player	No Possible	No	ct PCT	No Possible		t PCT	No Possible		ct PCT	No Possible		ct PCI
132400 20 14 70.0 6 5 83.3 8 2 140600 20 17 85.0 20 14 70.0 6 4 66.7 8 3 141200 20 17 85.0 20 14 70.0 6 4 66.7 8 3 141200 20 17 70.0 6 3 50.0 8 8 1 142400 20 10 50.8 40.0 6 3 50.0 8 8 1 155200 20 10 50.0 6 3 50.0 8 8 1 151200 20 1 50.0 6 3 50.0 8 8 1 151200 20 1 50.0 6 30.0 8 8 1 1 1 1 1 1 1 1 1 1 1 1	131800	131800	20	14	0.07	20	14	70.0	9	8	33.3	80	S	62.5
140600 20 17 85.0 20 14 70.0 6 4 66.7 8 3 141200 20 17 85.0 20 14 70.0 6 4 66.7 8 5 141800 20 10 50.0 20 14 70.0 6 3 50.0 8 8 1 142400 20 10 50.0 6 3 50.0 8 8 1 150600 20 10 50.0 6 30.0 6 3 50.0 8 1 151800 20 1 50.0 6 30.0 6 3 50.0 8 1 151800 20 1 50.0 6 30.0 8 1 8 1 150600 20 1 35.0 1 2 1 2 1 2 1 3 1 3 1 <td></td> <td>132400</td> <td>50</td> <td>14</td> <td>70.0</td> <td>20</td> <td>14</td> <td>70.0</td> <td>9</td> <td>2</td> <td>83.3</td> <td>∞</td> <td>8</td> <td>25.0</td>		132400	50	14	70.0	20	14	70.0	9	2	83.3	∞	8	25.0
141200 20 17 85.0 20 14 70.0 6 4 66.7 8 5 141800 20 10 50.0 20 9 45.0 6 3 50.0 8 8 1 142400 20 10 50.0 8 40.0 6 1 16.7 8 8 1 150600 20 10 50.0 6 3 50.0 8 8 1 151200 20 1 50.0 6 3 50.0 8 8 1 151200 20 1 50.0 6 3 50.0 8 8 1 152400 20 1 36.0 6 3 30.0 8 8 1 150600 2 1 36.0 1 8 80.0 8 8 1 150600 - - - - -		140600	50	17	85.0	20	14	70.0	9	4	2.99	∞	က	37.5
141800 20 10 50.0 20 45.0 6 3 50.0 8 8 142400 20 10 50.8 20 8 40.0 6 1 16.7 8 8 150600 20 10 50.0 6 30.0 6 3 50.0 8 5 151800 20 1 50.0 6 30.0 8 50.0 8 5 151800 20 1 50.0 6 30.0 8 50.0 8 5 152400 20 1 35.0 10 8 80.0 8 8 8 8 8 8 1 1 1 1 1 1 1 1 1 1 2 1 3 2 8 8 9 8 8 1 1 1 1 1 1 1 1 1 1 1		141200	50	17	85.0	20	14	70.0	9	4	2.99	œ	2	62.5
142400 20 10 50.8 20 8 40.0 6 1 16.7 8 8 1 150600 20 8 40.0 20 10 50.0 6 3 50.0 8 6 151200 20 10 50.0 6 30.0 10 8 50.0 8 7 151800 20 1 50.0 6 30.0 10 8 50.0 8 7 152400 20 1 35.0 10 8 80.0 8 8 8 1 150600 - - - - 20 7 35.0 - - - 8 8 8 150600 - - - 20 7 35.0 - - - 8 6 8 8 150600 - - - - - - - -	141800	141800	50	10	50.0	20	6	45.0	9	က	20.0	80	80	100.0
150600 20 8 40.0 20 10 50.0 6 3 50.0 8 6 151200 20 10 50.0 6 30.0 6 3 50.0 8 5 151800 20 1 50.0 6 30.0 10 3 30.0 8 7 152400 20 1 35.0 10 8 80.0 8 8 1 150600 - - - - 20 7 35.0 - - 8 6 150600 - - - - - - - - - 8 6 150600 - - - - - - - - - - - - 8 6 - - - - - - - - - - - - - - <td></td> <td>142400</td> <td>50</td> <td>10</td> <td></td> <td>20</td> <td>©</td> <td>40.0</td> <td>9</td> <td>_</td> <td>16.7</td> <td>80</td> <td>æ</td> <td>100.0</td>		142400	50	10		20	©	40.0	9	_	16.7	80	æ	100.0
151200 20 10 50.00 6 3 50.00 8 5 151800 20 1 05.0 6 30.0 10 3 50.0 8 7 152400 20 16 80.0 20 7 35.0 10 8 80.0 8 7 150600 - - - - - - - 8 6 150600 - - - - - - - - - 8 6 150600 - - - - - - - - - - - 8 6 150600 - <		150600	50	∞	40.0	50	10	50.0	9	က	50.0	ස	9	75.0
151800 20 1 65.0 6 30.0 10 3 30.0 8 7 152400 20 16 80.0 20 7 35.0 10 8 80.0 8 8 1 150600 - - - - - - - 8 6 150600 - - - - - - 8 6 150600 - - - - - - - - - 8 6 150400 - - - - - - - - - - - 8 6 150400 -	ro	151200	20	œ	40.0	20	10	50.0	9	ო	20.0	80	ß	62.5
20 16 80.0 20 7 35.0 10 8 80.0 8 100 - - - - - - - 8 6 75 - - - - - - - 8 6 75 200 115 57.5 220 113 51.3 68 36 52.9 88 63 71	151800		50	-	02.0	20	9	30.0	10	က	30.0	∞	7	87.5
20 7 35.0 8 6 75 20 7 35.0 8 6 75 8 6 75 8 6 75 8 6 75 8 6 75 8 6 75 8 6 75 8 6 75 8 6 75		152400	20	16	80.0	20	7	35.0	10	œ	80.0	Ф	8	100.0
20 7 35.0 8 6 75 200 115 57.5 220 113 51.3 68 36 52.9 88 63 71		150600	ı	1	ı	20	7	35.0	ı	1		∞	9	75.0
200 115 57.5 220 113 51.3 68 36 52.9 88 63 71	Δ	150600	•	11	ı	62	7	35.0		•	•	∞	9	75.0
		TOTALS	200	115	57.5	220	113	51.3	89	36	52.9	88	63	71.5

Figure 2-113. Accuracy ratings for the tactical logistics report chart. ^a Main CP displacing b Main CP destroyed

					9	LOCATION								
MEASUREMENT		MA	MAIN CP		ALTE	ALTERNATE CP	GP.	8	BRIGADE			BATTALION	LIGN	
Control Player		No No Possible Correct PCT	Corre	ct PCT	No Possible		No Correct PCT	No Possible		No Correct PCT	No Possible		No Correct PCT	150
131800 131800	800	14	12	85.7	14	10	71.4	12	S)	75.0	2		20	50.0
132400	400	14	13	92.8	14	10	71.4	12	∞	66.7	2		20	50.0
140600	009	14	וו	78.5	14	10	71.4	12	6	75.0	2	N	100.0	0.
141200	500	14	1	78.5	14	13	92.8	ı	ı	•	2		20	50.0
141800 141800	300	14	Ξ	78.5	14	12	85.7	12	6	75.0	2	_	20	50.0
142400	00	14	6	64.2	14	12	85.7	ı	ī	•	2		20	50.0
150600	009	14	œ	57.1	14	6	64.2	12	6	75.0	2	_	20	50.0
a 151200	500	14	œ	57.1	14	12	85.7	ı	ı	ı	2		20	50.0
151800 151800	300	14	ω	57.1	14	6	64.2	12	9	50.0	1	•		•
152400	00	14	œ	57.1	14	ω	57.1	12	9	50.0		1		
009091 q	009	t	ŧ	1	14	∞	57.1	12	9	50.0	ı			,
TOTALS	ALS	140	66	70.7	154	113	73.3	96	62	64.5	91	6		56.2
	_			-	_									

^a Main CP displacing b Main CP destroyed

Figure 2-[14. Accuracy ratings for the aircraft availability chart.

...

				LOCALION	NOT					
MEASUREMENT TIME	MENT		MAIN CP FSE		ALTE	ALTERNATE FSE	СР	0	DIV ARTY S3	
Control	Player	No Possible		No Correct PCT	No Possible		ct PCT	No Possible	No Correct	ct PCT
122400	122400	,		•	ı	•	•	•	•	•
	130600	10	Ø	80.0	1	ī	ı	10	00	80.0
	a 131200	10	ω	80.0	ı	ı	•	10	လ	50.0
	131800	ı	•	ı	10	2	20.0	10	S	50.0
132400	132400	1	1	1	10	4 ;	40.0	9	S	50.0
	140600	01	9	60.0	10	4	40.0	10	9	60.0
	141200	ı	1	•	10	9	0.09	10	4	40.0
	141800	10	. 9	60.0	01	9	0.09	10	4	40.0
142400	142400	ı		,	10	4	40.0	10	9	60.0
	150600	10	9	0.09	1	ï	ı	•	•	٠
	a 151200	1	1	•	10	4	40.0	10	S	50.0
	151800	10	S	50.0	9	4	40.0	1	•	•
152400	152400		•		10	4	40.0	01	4	40.0
	009091 q		ì	1	10	4	40.0	10	4	40.0
	TOTALS	09	39	39.0	100	43	43.0	110	26	56.0

a Main CP displacing b Main CP destroyed

d Figure 2-115. Accounty ratings of the ammunition status chart.

No No No No No No No No No No No No No	MFASUREMENT					707	LOCATION				
Player No No <th< th=""><th>TIME</th><th></th><th>2</th><th>VIN CP</th><th></th><th>ALT</th><th>ERNATE</th><th>CP</th><th>IO</th><th>V ARTY</th><th></th></th<>	TIME		2	VIN CP		ALT	ERNATE	CP	IO	V ARTY	
122400 8 6 75.0 - - - 8 6 130600 8 6 75.0 8 1 12.5 8 8 1 a 131200 8 6 75.0 - - - 8 1 7 8 1 <td< th=""><th>1</th><th>ayer</th><th>ssib</th><th></th><th>ct PCT</th><th>SS</th><th></th><th></th><th>No Possible</th><th>11.1</th><th>ct PCT</th></td<>	1	ayer	ssib		ct PCT	SS			No Possible	11.1	ct PCT
130600 8 6 75.0 8 1 12.5 8 8 1 1 1 1 1 1 1 1	122000 12	2400	80	9	75.0	·		F	∞	9	75.0
a 131200 8 100.0 - - - - 8 7 131800 8 2 25.0 2 1 50.0 8 1 132400 1 0 0.0 8 4 50.0 8 1 140600 8 100.0 8 6 75.0 8 4 141800 8 100.0 8 100.0 8 4 142400 2 1 50.0 - - - - 150600 - 1 50.0 - - - - - - 151800 -	130200 13	0090	œ	9	75.0	∞	_	12.5	œ	œ	100.0
131800 8 2 25.0 2 1 50.0 8 1 132400 1 0 0.0 8 4 50.0 8 8 1 140600 8 100.0 8 6 75.0 8 4 8 1 141200 8 100.0 8 8 100.0 -		1200	œ	œ	100.0	•	•	ı	œ	7	87.5
132400 1 0 0.0 8 4 50.0 8 8 1 140600 8 8 100.0 8 6 75.0 8 4 141200 8 8 100.0 8 6 75.0 8 4 141800 8 1 12.5 2 0 0.0 8 1 142400 2 1 50.0 -		1800	œ	7	25.0	2	_	50.0	œ	_	12.5
140600 8 6 75.0 8 4 141200 8 100.0 8 8 100.0 - - - 141200 8 100.0 8 100.0 -		2400	-	0	0.0	80	4	20.0	∞	œ	100.0
141200 8 8 100.0 - - 141800 3 1 12.5 2 0 0.0 8 1 142400 2 1 50.0 -		0090	œ	œ	100.0	æ	9	75.0	∞	4	50.0
141800 8 1 12.5 2 0 0.0 8 1 142400 2 1 50.0 -		1200	æ	œ	100.0	∞	ω	100.0	•	ŧ	ī
142400 2 1 50.0 - 8 8 1 151800 -		11800	c :)	_	12.5	8	0	0.0	80		
150600		12400	2	-	50.0	ı	1	ı	ı	1	1
a 151200 -<		0090	ı	ı	ı	•	11	ı	œ	Ø	100.0
151800 - <td></td> <td>1200</td> <td>1</td> <td>ı</td> <td>ı</td> <td>ო</td> <td>0</td> <td>0.0</td> <td>∞</td> <td>0</td> <td>0.0</td>		1200	1	ı	ı	ო	0	0.0	∞	0	0.0
152460 2 0 0.0 1 0 0.0 8 4 b 160800 1 1 100.0 8 6 TOTAL 61 40 65.6 43 21 48.8 88 53		31800	1	1	,	8	0	0.0	ı		•
160800 1 1 100.0 8 6 TOTAL 61 40 65.6 43 21 48.8 88 53		32460		0	0.0	_	0	0.0	œ	4	50.0
61 40 65.6 43 21 48.8 88 53	160200 ^b 16	20800	ı	1	•	-	-	100.0	œ	9	75.0
	2)TAL	19	40	65.6	43	. 5	48.8	88	53	60.2

a Main CP displacing

b Main CP destroyed
Figure 2-116. Accuracy ratings of the artillery position chart.

2-148 2 7

NO	ct PCT	0.0	70.0	70.0	70.0	80.0	90.0	80.0	80.0	70.0	70.0	70.0	68.1
BATTAL ION S4	No Correct	0	7	1	7	œ	6	œ	œ	7	7	7	75
&	No Poss	2	9	10	2	01	10	2	10	0	20	2	0.1
DE	No Correct PCT	40.0	0.09	40.0	50.0	80.0	100.0	80.0	70.0		ı	20.0	0.09
BRIGADE S4		4	9	4	ß	œ	10	ω	7	.1	•	2	54
	No Poss	2	2	10	2	10	10	10	10	1	1	2	8
Ŧ	t PCT	0.09	0.0	10.0	10.0	50.0	50.0	50.0	50.0	80.0	50.0	50.0	41.8
DISCOM S3	No Correct PCT	ø	0	_	_	3	2	S	2	ω	ις:	2	46
	No Poss	9	10	10	0	10	10	10	10	10	9	2	110
J.	PCT	1	0.09	0.09	0.09	50.0	30.0	30.0	50.0	40.0	30.0	40.0	45.0
ALTERNATE CP	No Correct	•	9	9	9	2	က	က	2	4	က	4	45
V	No Poss	ī	10	10	10	10	10	10	10	20	10	2	30
	t PCT	0.09	0.09	ı	i	ა.09	ı	50.0	ı	40.0	ı	1	54.0
MAIN G4	No Correct PCT	9	9	l į	1	9	1	2	1	4	1	ı	27
	No Poss	10	10	•		10	1	10	ı	01	ı	•	20
MENT	Player	131800	132400	140600	141200	141800	142400	150600	a 151200	151800	152400	p 160600	TOTALS
MEASUREMENT TIMES	Control	131800				141800			ro	151800 151800		ŋ	

a Main CP displacing b Main CP destroyed

Figure 2-117. Accuracy ratings for the combat vehicles chart.

Ä

	LOCATION	OF CHART &	TIMES -		
Columns/Units Sampled	Control as of	Main CP G1 130600	Alt CP G1 130600	B rigade S1 130600	Battalion S1
	122400	130000	130000	130000	130600
Present for Duty					
1/84 Mech	643	637			
1/85 Mech	510	656	•	609	
1/86 Mech	683	6 87			
1/87 Mech	713	677			
1/88 Mech	700	6 66			
1/89 Mech	694	720		697	
1/6 Armor	519	563		519	
1/7 Armor	600	547			
1/8 Armor	539	552	1		
	605	528			
1/9 Armor A Co (1/85)	162				151
B Co (1/85)	168		1		139
C Co (1/6)	58				56
CSC (1/85)	122				113
Total Losses					
1/84 Mech	0	42			
1/85 Mech	27	16		26	·
1/86 Mech	4	0			
1/87 Mech	4	2			
1/88 Mech	4	3			
1/89 Mech	31	16		31	
1/6 Armor	53	40		53	
1/7 Armor	0	34			
1/8 Armor	2	29			
1/9 Armor	3	6			0
A Co (1/85)	13				0
B Co (1/85)	11				0
C Co (1/6)	3				1
CSC (1/85)	10				

Figure 2-118. Data collected from the unit strength charts (control as of 122400).

1.7

	LOCATION	OF CHART &	TIMES		
Columns/Units Sampled	Control as of 122400	Main CP G1 131200	Alt CP G1 131200	Brigade S1 131200	Battalion S1 131200
Present for Duty	• -				
1/84 Mech	643	643			
1/85 Mech	510	609	1		
1/86 Mech	683	683		609	
1/8/ Mech	713	677			
1/88 Mech	700	668	İ		à
1/89 Mech	694	697		697	,
1/6 Armor	519	519		519	
1/7 Arwar	600	559	ı		
1/8 Arwor	539	539			
1/9 Armor	605	605	}		
A Co (1/85)	162				151
B Co (1/85)	168		1		139
C Co (1/6)	58				56
CSC (1/85)	122				113
Total Losses					
1/84 Mech	0	0			
1/85 Mech	27	26		26	
1/86 Mech	4	4			
1/87 Mech	4	4			
1/88 Mech	4	5			
1/89 Mech	3]	31		31	
1/6 Armor	53	53		53	
1/7 Armor	0	0	1		
1/8 Arnor	2	2			
1/9 Arlior	3	3			
A Co (1/85)	13				2
L Co (1/85)	11				2
C Co (1/6)	3				3
CSC (1/85)	10				0

Figure 2-118 (cont). Data collected from the unit strength charts (control as of 122400).

	LOCATION	OF CHART &	TIMES	·	
Columns/Units Sampled	Control as of	Main'CP Gl	į.	Brigade S1	Battalion S
2amp i ed	122400	131800	131800	131800	131800
Present for Duty					
1/84 Mech	643	643	643		
1/85 Mech	510	609	609	612	
1/86 Mech	683	683	683		
1/87 Mech	713	677	677		The sale of the sa
1/88 Mech	700	6 68	568		
1/89 Mech	694	697	697	628	
1/6 Armor	519	519	519	516	
1/7 Annor	600	559	559		
1/8 Armor	539	539	539		
1/9 Armor	605	605	605		
A Co (1/85)	162				151
B Co (1/85)	· 168		ł		139
C Co (1/6)	58				56
CSC (1/85)	122				113
Total Losses					
1/84 Mech	0	0	0		
1/85 Mech	27	26	26	15	
1/86 Mech	4	4	4		
1/87 Mech	4	4	4		
1/88 Mech	4	5	5		
1/४५ Mech	31	31	31	66	
1/6 Armor	53	53	53	20	
1/7 Armor	Q	0	0		
1/8 Armor	2	2	2		
1/9 Armor	3	3	0		
1 Co (1/85)	13				8
U Co (1/85)					2
C Co (1/6)	3				4
CSC (1/85)	10		The second section of the section of the sect		10

Figure 2-118 (cont). Data collected from the unit strength charts (control as of 122400).

(Note: Entries are in number of personnel per unit indicated)

LOCATION OF CHART & TIMES							
Columns/Units Sampled	Control as of 122400	Main CP G1 132400	Alt CP G1 132400	Brigade S1 132400	Battalion S1 132400		
Present for Duty							
1/84 Mech	643	643	643				
1/85 Mech	- 510	609	609	612			
1/86 Mech	683	683	683				
1/87 Mech	713	677	. 677				
1/88 Mech	700	668	: 668				
1/89 Mech	694	697	697	628			
1/6 Armor	519	519	519	516			
1/7 Areor	600	559	559				
1/8 Arwor	539	539	539				
1/9 Armor	605	605	605				
A Co (1/85)	162				162		
B Co (1/85)	168				152		
C Co (1/6)	58				58		
CSC (1/85)	122				122		
Total Losses	- x	-					
1/84 Mech	0	0					
1/85 Mech	27	26	26	15			
1/86 Mech	4	0	4				
1/87 Mech	4	4	4				
1/88 Mech	4	5	5				
1/89 Mech	31	31	31	66			
1/6 Armor	53	53	53	20			
1/7 Armor	0		0				
1/8 Armor	2	2	22				
1/9 Armor A Co (1/85)	13	3	00		11		
A Co (1/85) B Co (1/85)					4		
C Co (1/6)	3				11		
CSC (1/85)	10				5		

Figure 2-118 (cont). Data collected from the unit strength charts (control as of 122400).

	LOCATIO	OF CHART &	TIMES		
Columns/Units Sampled	Control as of 132400	Main CP G1 140600	Alt CP Gl 140600	Brigade S1 140600	Battalion Si 140600
Present for Duty					:
1/84 Mech	643	643	643		
1/85 Hech	483	609	609	637	
1/86 Kech	1 613	683	683		1
1/37 Nech	660	677	677		
1/83 Mach	665	668	668		
1/89 Hech	694	697	697	626	
1/6 Armor	495	519	519	497	
حسست ببالم المختلط المراجع وسيست والمستحدث	, 539	559	559	Í	
	535	539	539		
1/9 Armor	606	605	605	1	
	155	1			155
	151		1		151
0 00 (170)	. 59				149
CSC (1/85)	118	<u>{</u>			118
Total Losses					
1/84 Mech	0	0	0	1	
). 31	26	26	31	
1/88 Mach	70	4	4		
.,	0	4	4		
1/30 Mech	Q	. 5	5		
	31 20	.31	31	68	
170 Armor	39	53	53	39	
- Aldud	U	0	j 0		
	0		2		
1/9 Armor	Q	3	0		
11 00 (1,00)	4				3
B Co (1/85)					5
C Co (1/6)	11				8
CSC (1/85)	5				4

(Note: Entries are in number of personnel per unit indicated)

Figure 2-119. Data collected from unit strength charts

(control as of 132400).

LOCATION OF CHART & TIMES							
Columns/Units Sampled	Control as of 132400	Main CP G1 141200	Alt CP G1 141200	Brigade Sl	Battalion SI 141200		
Present for Duty							
1/84 Mech	643	650	650				
1/85 Mech	483	637	637	741			
1/86 Kech	613	618	1 618				
1/37 Mech	660	650	850				
1/88 Mech	665	663	663				
1/89 Hech	694	626	626	659			
1/6 Armor	495	497	497	406			
1// Armor	539	539	539				
1/8 Armor	535	535	539				
1/9 Armor	: 606	608	608				
/ ₁ Co (1/85)	155				155		
3 Co (1/85)	151				155		
C Co (1/6)	59	1	1		149		
csc (1/85)	118				118		
Total Losses	₹. {						
1/0/ Noch	. 0	0	0				
1/85 Mech	31		12	39			
1/80 Nech	70	, ,	70				
1/67 Mach	. 0	<u> </u>	22				
1/80 Noch	<u> </u>		5				
1/39 Nech	31		! 68	2			
Amior	39		39	27			
XL1iV	0		29				
	0		2		•		
	. 0	0	0				
., 00 (1/85)			1		12		
	4				15		
					9		
CSC (1785)	5		<u></u>	li	2		

Figure 2-119 (cont). Data collected from unit strength charts (control as of 132400).

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	LOCAT	OF CHART &	TIMES		1
Columns/Units Sampled	Control as 0.	Main CP G1 141800	Alt CP G1 141800	Brigade S1 141800	Battalion SI 141800
Present for Duty					
1/84 Mech	643	650	650		
1/85 Hech	483	637	637	726	
7/86 Kech	613	618	618)
1/37 Nech	660	650	650		
1/03 Mach	665	663	663		
1/89 Heca		626	626	619	
1/6 Armor	495	497	497	469	
1/7 Armor	539	539	539		
1/8 Armor	535	535	539		
	606	608	1 608		
i Co (1/85)	155	1			155
	151	1	1		155
C Co (1/6)	59		1		149
csc (1/85)	118		<u> </u>		118
Total Losses					
1/8/ Hech	0		0		
1/85 Nech	31	31	12	50	
1785 Mech 1783 Mech	70	70	70	1	1
1/07 Mach 1/30 Mech	0	22	! 22	Î	
1750 Noch	0	5	5		
1/30 Hech	31		: 68	42	
16 Ammon	39		39	21	
1 1 1 1	0		29		
Armor	0	0	2		
1/9 Armor	0	0 ·	0		
- 1/0 Ariar					12
3 Co (1785)	4				16
					14
CSC (1/85)	5				9

11

Figure 2-119 (cont). Data collected from unit strength charts (control as of 132400).

Columns/Units Sampled	Control as of 132400	Main CP G1 142400	Alt CP G1 142400	Brigade Sl 142400	Battalion SI 142400
Present for Duty					
1/84 Mach	643	650	650		
1/85 Mech	483	637	637	726	
1/86 Mech	613	618	618		
1/37 Mech	660	650	650		
1/88 Mach		663	663		
1/89 Nech	694	626	626	619	
1/6 Armor	495	497	497	469	
1/7 Armor		539	539		
1/8 Armor		535	539	1	
1/9 Armor	606	608	608)	
Λ Co (1/85)	155			8	129
0 00 11031	<u> </u>		<u>}</u>		137
C Co (1/6)	59		}	ļ	132
CSC (1/85)	118	·	! :		104
Total Losses					
1/84 Hech	0	0	0		
1/85 Mach	31		17	50	
1/80 Nech	70		70		
1/67 Mech 1/88 Mech	·	22	22		
1753 nech	0	5	55		
1/39 Nach	31	68	68	42	
	39	- 74	39	21	
		29	29		
سمست والمحالة المحالة المستحد	0		2		
	0		0		
A Co (1/85) B Co (1/85)	4		1		0
	1	·			0
	5				0
CSC (1/85)	j j		L	1	V

Figure 2-119 (cont). Data collected from unit strength charts (control as of 132400).

	LOCATION	OF CHART &	TIMES	·	
Columns/Units Sampled	Control as of 142400	Main CP G1 150600	Alt CP Gl 150600	Brigade S1 150600	Battalion SI 150600
Present for Duty					
1/84 Mech	624	650	650		
1/85 Mech	577	637	637	655	
1/86 Mech	706	618	618		
1/87 Mech	657	650	650		
1/88 Mech	658	663	663		
17-39 Mech	613	626	618	613	
1/6_Armor	461	497	497	461	
U/_Arnor	496	539	539		
1/8 Armar	496	535	539		
1/9 Arnor	563	608	608		
/\ Co_(1/85)	155				129
3 Co (1/85)	155		,		137
C Co (1/6)	149		1		132
<u> </u>	118				104
Total Losses		*			
1/84 Mech	42	0	0		
1/85 Mech	75	31	1 17	75	
1/86 Mech	7	70	70		
1/87 Mech	3	22	22		
1/83 Mech	25	5	5		
1/89 Mech	53	69	43	53	
1/6 Armor	9	39	39	9	
1/7 Armor	54	29	1 29		
1/8 Armor	49	0	2		,
1/9 Armor	55	0	0		
// Co (1/85)	26				8
B Co (1/85)	18				14
C Co (1/6)	17				0
CSC (1/85)	14				0

Figure 2-120. Data collected from the unit strength charts (control as of 142400).

LOCAT. N OF CHART & TIMES							
Columns/Units Sampled	Control as of 142400	Main CP G1 151200	Alt CP G1 151200	Brigade S1 151200	Battalion SI 151200		
Present for Duty							
1/84 Mech	624	624	624]			
1/85 Hech	577	655	655	633			
1/86 Mech	706		709				
1/87 Nech	657	657	657	654			
1/88 Me c h	658	658	658				
1789 Mech	613	613	613	613			
1/6 Armor	461	461	461	461			
1/7 Armor	496	496	496				
1/8 Armor	496	496	496				
1/9 Armor	563	563	563	464			
A Co (1/85)	155				129		
13 Co (1/85)	155		1		137		
C Co (1/6)	149				132		
<u>csc (1/85)</u>	118		<u> </u>		104		
Total Losses							
1/84 Mech	42	42	42		·		
1/85 Mech	75	75	74	97			
1/86 Me c h	7		7				
1/8/ Mech	3	3	3	00			
1/83 Mech	25	25	25				
1/89 Mech	53	53	53	53			
1/6 Armor	9	9	9	9			
1/7 Armor	54	54	54				
1/8 Armor	49	49	49				
1/9 Armor	55	55	55	55			
A Co (1/85)	26				8		
B Co (1/85)	18				14		
C Co (1/6)	17				0		
CSC (1/85)	14			<u> </u>	0		

Figure 2-120 (cont). Data collected from the unit strength charts (control as of 142400).



LOCATION OF CHART & TIMES						
Columns/Units Sampled	Control as of 142400	Main CP G1 151800	Ait CP G1 151800	Brigade S1 151800	Battalion SI 151800	
Present for Duty						
1/84 Mech	624	624	624			
1/85 Mech	577	655	655	655		
1/86 Mech	706	709	709			
1/87 Mech	657	657	657	657		
1/88 Mech	658	658	658			
1/89 Mech	613	613	613	630		
1/6 Armor	461	461	461	461		
1/7. Arwor	496	496	496			
1/8 Armor	496	496	496			
1/9 Armor	563	563	563	1 441		
// Co (1/85)	155		2.50.00		129	
B Co (1/85)	155		1		137	
C Co (1/6)	149				132	
CSC (1/85)	118				104	
Total Losses						
1/84 Mech	42	42	42			
1/85 Mech	75	75	74	21		
1/86 Mech	7	. 7	7			
1/87 Mech	3	3	3	0		
1/83 Mech	25	25	25			
1/89 Mech	53	53	53	33		
1/6 Armor	9	9	9	9		
1/7 Armor	54	54	54			
1/8 Armor	49	49	49			
1/9 Armor	55	5	55	0		
A Co (1/85)	26				15	
B Co (1/85)	18				14	
C Co (1/6)	17				0	
CSC (1/85)	14				0	

Figure 2-120 (cont). Data collected from the unit strength charts (control as of 142400).

	OCATION	OF CHART &	TIMES		
Columns/Units Sampled	Control as of 142400	Main CP G1 152400	Alt CP G1 152400	Brigade S1 152400	Battalion S1 152400
Present for Duty			1 4		
1/84 Mech	624	624	624		Y.
1/85 Mech	577	655	655	655	
1/86 Mech	706	709	709		
1/87 Mech	657	657	657	657	
1/88 Mech	658	658	658		
1/89 Mech	613	613	613	530	
1/6 Armor	461	461	461	461	
1/7_Arnor	496	496	496		
1/8 Armor	496	496	496		
1/9 Arnor	563	563	563		
A Co (1/85)	155				96
B Co (1/85)	155				137
C. Co (1/6)	149				132
CSC (1/85)	118				99
Total Losses				i i	
1/84 Mech	42	42	42	1	
1/85 Mech	75	75	74	21	
1/86 Mech	7	7	7		
1/87 Mech	3	3	3	0	
1/88 Mech	25	25	25		
1/89 Mech	53	53	51	33	
1/6_Armor	9	9	9	19	
1/7_Acuor	54	54	52		
1/8 Armor	49	49	49		
1/9 Armor	55	55	54		
A Co (1/85)	26				33
B Co (1/85)	18				20
C Co (1/6)	17				0
CSC (1/85)	14				66

Figure 2-120 (cont). Data collected from the unit strength charts (control as of 142400).



	LOCATION	OF CHART &	TIMES		
Columns/Units Sampled	Control as of 152400	Main CP G1 160600	Alt CP G1 160600	B rigade S1 160600	Battalion S1 160600
Present for Duty					
1/84 Mech	712		712		
1/85 Mech	502		655	655	
1/86 Mech	637		637		
1/87 Mech	672	1	657	657	
1/88 Mech	633		633		
1/89 Mech	624		613	530	
1/6 Armor	358		461	461	
1/7 Armor	491		491		
1/8 Armor	481		481		
1/9 Armor	430		563		
A Co (1/85)	129				96
B Co (1/85)	137				137
C Co (1/6)	132				132
CSC (1/85)	104				99
Total Losses					
1/84 Mech	n		0		
1/85 Mech	0 59		0	21	
1/86 Mech	0		0		
1/87 Mech	0		0	0	
1/88 Mech	43		43		
1/89 Mech	55		0	33	
1/6 Armor	25		0	19	
1/7 Armor	32		2		
1/8 Armor)		0		
1/9 Armor	34		0	- , - , - ,	700
A Co (1/85)	33				1
B Co (1/85)	20				11
C Co (1/6)	0				
CSC (1/85)	6		<u></u>		6

Figure 2-121. Data collected from unit strength charts (control as of 152400).

(Note: Entries are in number of personnel per unit indicated)

Equipment/Unit	Control as of	Main CP	Alt CP G3	Brigade S3	Battalion S3
Sampled	131800	G3 Op 131800	131800	131800	131800
Tanks on Hand					
1/84 Mech	16	16	16		
1/85 Mech					
1/86 Mech	0	0	1 0		
1/87 Mech	16	17	17		
1/88 Mech	/	17	17		<u> </u>
1/89 Hach	0	0	0	0	
1/6 Armor	30	25	25	25	
1/7 Armor	35	34	34		
1/8 Armor	3]	32	32	ļ	
1/9 Armor	33	27	27		0
Λ Co (1/85)	0	····			3
B Co (1/85) C Co (1/6)	0	 	1	 	7
CSC (1/85)	1		-}		0
Per Carr on Hand					
1/34 Mach	33	33	33		
1/85 Mech	25	20	20	20	
1/ 86 Mech	44	13	43		
1/ 8/ Mech	30	33	33		
1/ 88 Mech	23	25	25		
1/89 Nech	39		38	51	
1/6 Armor	7	15	15	11	
Armor i	1.5	18	18		
1/8 Armor	17	18	18		
1/9 Armor	21	21	21		
A Co (1/85)	8 .				8
B (0 (1/85)	14				7
C Co (1/6)					0
CSC (1/85)	2				2

Figure 2-122. Data collected from the tactical logistics report chart (control as of 131800).

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Equipment/Unit Sampled	Control as of 131800	Main CP G3 Op 132400	Alt CP G3	Brigade S3 132400	Battalion St
Tanks on Hand			-		
1/34 Kech	16	16	16	İ	
1/85 Mech	11	- ii	 	15	1
1/86 Mech	0		1 0	1	
1/87 Mach	16	17	1 17		
1/83 Mech	17	17	1 17	1	
1/89 Hach	0	0	1 0	0	i
1/6 Armor	30	25	25	30	
1/7 Armor	35	34	34		<u> </u>
1/8 Armor	31	32	32	 	
1/9 Armor	33	27	27	ì	
A Co (1/85)	0			1	4
B Co (1/85)	0				5
C Co (1/6)	11		t		6
CSC (1/85)	0				0
Per Carr on Hand					
1/34 Mach	33	33	33		
1/05 Noch	25	20	20	24	
1/36 Nech	44	73	1 43		
1/87 Nech	30	33	33		
1/88 Hech	23	25	25		
i/ 9 Nech	39 ,		38	39	
Armor	7	15	; 15	8	
Armor I		18	18		
Armor J	17	18	18		
Armor	21	21	21		
1 (0 (1/85) 1	8				8
a Co (1/85)	14 ;		}		9
C Co (1/6)					7
CSC (1/85)	2				2

Figure 2-122 (cont). Data collected from the tactical logistics report chart (control as of 131800).

Equipment/Unit	Control as of	Main CP	Alt CP G3	Brigade S3	Battalion S3
Sampled	101000	G3 Op 140600	140600	140600	140600
	131800	140600	1 140000	140000	140000
Tanks on Hand					
1/34 Mech	16	17	16		
1/85 Mech	N	15		15	
1/86 Mech	0	0	. 0		
1/87 Mech	16	16	17		
1/88 Mech	17	17	1 17		<u> </u>
1/89 linch	0	0	1 0	. 0	
1/6 Armor	30	30	25	30	<u> </u>
1/7_Armor	35	35	34		
1/3 Armor	31	32	32		
1/0 Armor	33	37	27		inter-
Λ Co (1/85)	0				5
8 Co (1/85) C Co (1/6)	<u> </u>		*		6
C Co (1/6) CSC (1/85)	11			 	0
Per Carr on Hand		· · · · · · · · · · · · · · · · · · ·			
			22		
1/34 Mach	33	34	33	<u> </u>	
1705 Mech	25	24	20	24	
1/36 Mech	44	47	1 43	ļ	
1/8/ Mach	30	30	33	· · · · · · · · · · · · · · · · · · ·	
i/S3 Fiech	23	23	25		
1/89 Hech			38	39	·
1/6 Armor	7	8	15	8	
1/7 Armor	1.7	19	18		
18 Armar	17 21	18 21	18		
1/9 Armor	8		<u> </u>		8
A Co (1/85) B Co (1/85)	14		+		- 3
The second secon	14				7
					
CSC (1/85)	2		1	l	2

Figure 2-122 (cont). Data collected from the tactical logistics report chart (control as of 131800).

Equipment/Unit	Control as of	Main CP	Alt CP G3	Brigade S3	Battalion S3
Sampled	131800	G3 Op 141200	141200	141200	141200
Tanks on Hand					
1/84 Mech	16	17	17		
1/85 Mech		15	11	15	
1/86 Mech	0	0	1 0		
1/67 Mech	16	16	i 17		
1/83 Mech	17	17	! 17		
1/89 Hach	0	0	1 0	! 0	
1/6 Armor	30	30	25	30	
1/7 Armor	35	35	34		
1/8 Armor	31	32	1 32		
1/9 Armor	33	37	27		
∧ Co (1/85)	0				0
13 Co (1/85)	0				0
C Co (1/6)	11				0
<u>CSC (1/85)</u>					0
Per Carr on Hand	,		1		
1/84 Mach	33	34	33		
1705 Nach	25	24	20	24	
1/35 Mech	44	47	43		
1/8/ Nach	30	30	33		
1/88 Mech	23	23	25		
1/19 Hech	39	39	38	47	
1/1 Armor 1	7	8	15	8	
	19	19	18		
Armor 1	17	18	18		
Armor	2]	21	21		
A Co (1/85)	8 .				13
1 (1/85) i	14				12
C Co (1/6)	1				9
CSC (1/85)	2				2

Figure 2-122 (cont). Data collected from the tactical logistics report chart (control as of 131800).

Equipment/Unit	Control as of		Alt CP G3	Brigade S3	Battalion S3
Sampled	141800	G3 Op 141800	141800	141800	141800
Tanks on Hand					
1/34 Mech	15	17	16		
1/85 Mech	0	15	11	15	
1/86 Mech	0	U	1 0		
1/67 Mach	17	16	17		
1/83 Mech	16	17	1. 17		
1/89 Hach	<u>' </u>	0	1 0	0	
1/6_Armor	44	30	25	30	
1/7 Armor	30	35	ì 34		
1/8 Armor	33	32	1 32		
Armor	37	37	27	ļ	
Λ Co (1/85)	00				0
ii Co (1/85)	0			 	0
C Co (1/6) CSC (1/85)	0		 		0
Per Carr on Hand					
1/84 Mach	30	34	33		
1/85 Nech	35	25	20	24	
1/86 Nech	45	47	43		
1/8/ Mach	30	30	33		
1/ 88 Hech	29	33	25		
1/89 Nech	70	3,3	39	39	
1/6 Armor	8		15	8	
1/ Armor	9	19	18		
1/8 Armor	17	18	18		
1/9 Armor	21	21	21		
A CO (1/85)	13:				13
6 Co (1/85)	12				12
r. co (1/6)	8				9
CSC (1/85)	2				2

Figure 2-123. Data collected from the tactical logistics report chart (control as of 141800).

Equipment/Unit Sampled	Control as of 141800	Main CP G3 Op 142400	Alt CP G3	Brigade S3	Battalion S
Tanks on Hand					
1404 Yoch	15	17	16	0	ļ
1/84 Mech 1/85 Mech		15	+ + + + + + + + + + + + + + + + + + + +	<u>*</u>	<u> </u>
	0	0	0		
7/86 Mech	- 17	17	17		
1/87 Mach 1/88 Mech	16	17	1 17		<u> </u>
	0	0	1 0	1 0	1
1/89 Hach 1/6 Armor	44	30	25	43	<u> </u>
1/0 Armor	30	35	34	1	
1/8 Armor	33	32	32		
1/9 Armor	37	37	27	1	
Λ Co (1/85)	0				Ō
8 Co (1/85)	0		i	†	0
C Co (1/6)	0		(0
CSC (1/85)	0	P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			0
Per Carr on Hand	1				
1/84 Mach	30	34	33		
1785 Mach	35	24	20	49	
1/35 Mech	45	45	43		
1787 Kach	30	32	33		
1/83 Hech	29	33	25		
1/19 Nech	40	39	38	40	
1/6 Armor 1	8	16	1 15	5	
_ 1/ Armor _ 1	9	19	18		
: /!: Armor 1	17	18	18		
/ Armor	21	21	21	!	
A CO (1/85)	13 ,				12
1 Co (1/85)	12				12
C Co (1/6)	8 1				8
CSC (1/85)	2				2

Figure 2-123 (cont). Data collected from the tactical logistics report chart (control as of 141800)

	Control as of	Main CP	Alt CP G3	Brigade S3	Battalion S3
Equipment/Unit	CUILLIOI as of	G3 Op	ALC CF GS	bi igade 33	Datta i ion 30
Sampled	141800	150600	150600	150600	150600
Tanks on Hand					
1/34 Mech	15	15	14		
1/85 Mech	0	15		0	
1/86 Mech	0	0	1 0		
1/87 Mech	17	17	17		
1/83 Mech	16	13	!17	<u> </u>	L
1/89 Hach	0		1 0	0	
1/6 Armor	44	30	25	43	1
1/7 Armair	30	37	34		
1/8 Armor	33	28	32	<u> </u>	
Armor	37	34	27	ļ	
Λ Co (1/85)	0				<u> </u>
B Co (1/85)	<u>0</u>			-	
(50 (1/85)	0		1	 	0
Per Carr on Hand					
1/84 Mach	30	31	33		
1785 Nach	35	24	20	39	
1/36 Nech	45		! 45		
1/8/ Kech	30	32	30		
1763 Rech	29	28	25		
1/19 Nech	40		38	40	
Armor	8		15	5	
1/7 Armor	The state of the s	15	18		
8 Armar	17	14	18		
1/9 Armor	21	18	21		
A (0 (1/85)	13		<u> </u>	l	5
B Co (1/85)	12		1	 	/
C Co (1/6)	8			ļ	8
CSC (1/85)	2 1		1		2

Figure 2-123 (cont). Data collected from the tactical logistics report chart (control as of 141800).

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Equipment/Unit Sampled	Control as of 141800	Main CP G3 Op 151200	Alt CP G3	Brigade S3 . 151200	Battalion S:
Tanks on Hand	4				
·	15	3.5	16		
1/34 Mech	15	15 15	16		
1/99 4600	0		_	0	
1/86 Nech	17	0 17	1 17		
1/67 Mach		13	1 17		
1/83 Mech	16		1 0	0	
1/89 Nach	44	30	25	43	
1/6 Armor	30		34	43	
		28	32		
1/S Armor	33 37	34	1 27	1	
A Co (1/85)	0				0
is Co (1/85)	0				0
C Co (1/6)	0		1		0
CSC (1/85)	0		i	1	0
Per Carr on Hand					
1/84 Nach	30	31	33		
1705 Flech	35	24	20	39	
1/36 Sech	45		45		
1/8/ Viech	30	32	30		
1/83 Fiech	29	28	25		
1/19 Hech	70	39	38	40	
1/5_ArmorI	8	16	1 15	5	
_ !// Armor !	9	15	18		
Armor	17	14	18		
Armor	21	18	21		
A Co (1/85)	13 .				5
i (c (1/85)	12				7
r. co (1/6)	8				8
CSC (1/85)	2				2

[•] Figure 2-123 (cont). Data collected from the tactical logistics report chart (control as of 141800).

Equipment/Unit	Control as of	OF CHART &	Alt CP G3	Brigade S3	Battalion S3
Sampled		G3 Op	1110 01 00		
	151800	151800	151800	151800	151800
Tanks on Hand					
1/84 Mech	0	15	16		
1/85 Mech	U	15	111	0	
1/85 Mech	15	0	! 0		
1/37 Mech		17	1 17	17	
1/83 Mech		13	17	-	ļ
1/89 Mach	14	0	0	0	
1/6 Armor	26	30 32	25	43	
1/7 Armor	32 35	28	32		
	47		27	47	
1/9 Armor A Co (1/85)	0			7/	1 0
β Co (1/85)	0		+	 	0
C Co (1/6)	0				i ŏ
CSC (1/85)	0		 		0
Per Carr on Hand					
					ł
1/84 Mech	47	31	33		
1/8 5 Mech	30	24	20	39	
1/8 5 Mech 1/85 Mech	30 31	24 45	20 45		
1/8 5 Mech 1/86 Mech 1/87 Mech	30 31 30	24 45 32	20 45 30	39	
1/8 5 Mech 1/85 Mech 1/87 Mech 1/88 Mech	30 31 30 28	24 45 32 28	20 45 30 25	30	
1/8 5 Mech 1/86 Mech 1/87 Mech 1/88 Mech 1/ 8 9 Mech	30 31 30 28 43	24 45 32 28 39	20 45 30 25 38	30	
1/8 5 Mech 1/85 Mech 1/87 Mech 1/80 Mech 1/ 8 9 Mech	30 31 30 28 43 4	24 45 32 28 39 16	20 45 30 25 38 15	30	
1/8 5 Mech 1/86 Mech 1/87 Mech 1/88 Mech 1/89 Mech 1/6 Armor	30 31 30 28 43 4	24 45 32 28 39 16	20 45 30 25 38 15 18	30	
1/85 Mech 1/86 Mech 1/87 Mech 1/88 Mech 1/89 Mech 1/6 Armor 1/7 Armor	30 31 30 28 43 4 17	24 45 32 28 39 16 15	20 45 30 25 38 15 18	30 40 15	
1/85 Mech 1/86 Mech 1/87 Mech 1/88 Mech 1/89 Mech 1/6 Armor 1/7 Armor 1/8 Armor	30 31 30 28 43 4 17 17	24 45 32 28 39 16 15	20 45 30 25 38 15 18	30	
1/85 Mech 1/86 Mech 1/87 Mech 1/88 Mech 1/89 Mech 1/6 Armor 1/7 Armor 1/8 Armor 1/9 Armor	30 31 30 28 43 4 17 17 17 8	24 45 32 28 39 16 15	20 45 30 25 38 15 18	30 40 15	5 7
1/85 Mech 1/85 Mech 1/87 Mech 1/88 Mech 1/89 Mech 1/6 Armor 1/7 Armor 1/8 Armor	30 31 30 28 43 4 17 17 17 8	24 45 32 28 39 16 15	20 45 30 25 38 15 18	30 40 15	5 7 8

Figure 2-124. Data collected from the tactical logistics report chart (control as of 151800)

Equipment/Unit Sampled	Control as of 151800	Main CP G3 Op 152400	Alt CP G3	Brigade S3 152400 ∵	Battalion \$3
Tanks on Hand					
1/84 Mech	0	0	13		
1/85 Mech	0	0	0		
1/86 Mech -	15	15 '	1 0	9 Page 10 Page	alle apail
1/8/ Mech	17	17	1 17	17	
1/88 Mech	17	17	! 17		
1/89 Hach	14	10	0	15	
1/6 Armor	26		25	26	
1/7 Armor	32	32	30	j.	
1/8 Armor	35	35	32	~	
1/9 Armor	47	27	28	47	
A Co (1/85)	0			-	0
3 Co (1/85)	0				0
C Co (1/6)	0		1		0
CSC (1/85)	0				0
Per Carr on Hand					
1/84 Mech	47	47	33		
1/85 Hach	30	30;	20	30	
1/86 Mech	31	the same of the last of the la	45		1
1/87 Mach	30		30	26	
1/83 Mech	28	26	25		
./59 Hech	43	42	39	42	
1/6 Armor 1	4		15	4	
1// Armor !	17	17	18		
1/8 Armor	17	17	18		
1/9 Armor	8	8	21	8	
A Co (1/85)	13				13
G Co (1/85)	7				7
C Co (1/6)	8				8
CSC (1/85)	2				2

Figure 2-124 (cont). Data collected from the tactical logistics report chart (control as of 151800).

Equipment/Unit Sampled	Control as of	Main CP G3 Op	Alt CP G3	Brigade S3	Battalion S
Jampied	151800	160600	160600	160600	160600
Tanks on Hand					
1/84 Mech	0		13		
1/85 Mech	0		10		
1/86 Mech	15		0		
1/37 Mech	17		1 17		
1/88 Mech	17		1 17		
1/89 Mach	14		1 0		
1/6 Armor	26		25		
1/7 Armor	32		30		
1/3 Armor	35		32	<u> </u>	
1/9 Armor	47		28		
A Co (1/85)	i 0 '				0
B Co (1/85)	0		1		0
C Co (1/6)	0				0
CSC (1/85)	0		-		0
Per Carr on Hand					
1/84 Mech	47		33		
1785 Mach	30		30		
1/86 Mech	31		45		
1/87 Mech	30		30		
i/88 Mech	28		25		
1/49 Mech	43		38		
1/6 Armor	4		15		
1// Armor	17		1 18		
1/8 Armor	17		18		
1/9 Armor	8		21		
A Co (1/85)	13				14
S Co (1/85)	7				14
C Co (1/6)	8				14
CSC (1/85)	2				2

Figure 2-124 (cont). Data collected from the tactical logistics report chart (control as of 151800).

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Columns/Units Sampled	Control as of 131400	Main CP Avn 131800	Alternate CP G3 131800	Div Arty S3 131800	Brigade S3 131800
Aircraft on hand					
1st Bde	04	04	04	04	04
2d Bde	04	04	04	04	
3d Bde	04	04	04	03	
Cav Sqdn	31	30	24	20	
Avn Co (Div)	10	10	10	10	
Maint Bn	02	02	02	-	
Div Arty	09	09	09	09	
Aircraft operatio	onal				
1st Bde	02	02	02	03	04
2d Bde	04	04	03	03	
3d Bde	04	04	04	03	
Cav Sqdn	25	24	20	15	
Avn Co (Div)	08	,08	06	07	
Maint Bn	02	02	01	•	
Div Arty	04	09	09	09	

			Location of	Chart	
Columns/Units Sampled	Control as of 131400	Main CP Avn 132400	Alternate CP G3 132400	Div Arty S3 132400	Brigade S3 132400
Aircraft on hand					
1st Bde	04	04	04	04	04_
2d Bde	04	04	04	04	
3d Bde	04	04	04	03	
Cav Sqdn	31	31	19	20	
Avn Co (Div)	10	10	10	10	
Maint Bn	02	02	02	-	
Div Arty	09	09	09	09	
Aircraft operation	nal				
lst Bde ·	02	02	02	03	04
2d Bde	04	04	03	03	
3d Bde	04	04	04	03	
Cav Sqdn	25	25	20	15	
Avn Co (Div)	08	08	06	07	
Maint Bn	02	01	01	•	
Div Arty	04	09	09	09	

(Note: Entries are in number of aircraft.)

			Location or c		
	Control	Main CP	Alternate CP	Div Arty	Brigade
Columns/Units	as of	Avn	G3	S3	S3
Sampled	131400	140600	140600	140600	140600
Aircraft on hand					
1st Bde	04	04	04	04	04
2d Bde	04	04	04	04	
3d Bde	04	04	04	03	
Cav Sqdn	31	31	19	20	
Avn Co (Div)	10	10	10	10	
Jaint Bn	02	0	02	-	
Qiv Arty	09	09	09	09	
Aircraft operatio	onal				
1st Bde	02	02	02	03	04
2d Brle	04	04	03	03	
3d Bde	04	04	04	03	
Cav Squn	25	25	20	15	
		08	06	07	
Avn Co (Div)	U8	00			
Avn Co (Div)	08	0	ŏĭ	-	
	08 02 04		01 09	- 09	
laint Bn	02	0	01	- 09	
Laint Bn Div Arty	02 04 Control	0 09 Main CP	01 09	- 09	Brigade
Columns/Units	O2 O4 Control as of	0 09	01 09 Location of	09 Chart	Brigade S3
laint Bn	02 04 Control	0 09 Main CP	01 09 Location of Alternate CP	O9 Chart Div Arty	
Columns/Units Sampled Aircraft on hand	O2 O4 Control as of	0 09 Main CP Avn	On O9 Location of Alternate CP G3	Chart Div Arty S3	S3
Columns/Units Sampled Aircraft on hand	02 04 Control as of 131400	0 09 Main CP Avn	O) O9 Location of Alternate CP G3	Chart Div Arty S3	S3
Columns/Units Sampled Aircraft on hand alst Bde 2d Bde	02 04 Control as of 131400	0 09 Main CP Avn 141200	Location of Alternate CP G3 141200	- 09 Chart Div Arty S3 141200	\$3 141200
Columns/Units Sampled Aircraft on hand alst Bde 2d Bde 3d Bde	02 04 Control as of 131400	0 09 Main CP Avn 141200 04 04	01 09 Location of Alternate CP G3 141200	09 Chart Div Arty S3 141200	\$3 141200
Columns/Units Sampled Aircraft on hand alst Bde 2d Bde 3d Bde Cav Sqdn	02 04 Control as of 131400 04 04 04 31	0 09 Main CP Avn 141200 04 04 04 31	01 09 Location of Alternate CP G3 141200 04 04 04 04	09 Chart Div Arty S3 141200	\$3 141200
Columns/Units Sampled Aircraft on hand alst Bde 2d Bde 3d Bde Cav Sqdn Avn Co (Div)	02 04 Control as of 131400 04 04 04 31	0 09 Main CP Avn 141200 04 04 04 31	01 09 Location of Alternate CP G3 141200 04 04 04 31	09 Chart Div Arty S3 141200	\$3 141200
Columns/Units Sampled Aircraft on hand Ist Bde 2d Bde 3d Bde Cav Sqdn Avn Co (Div)	02 04 Control as of 131400 04 04 04 04 31 10 02	0 09 09 Main CP Avn 141200 04 04 04 04 31 10	01 09 Location of Alternate CP G3 141200 04 04 04 04 31 10	09 Chart Div Arty S3 141200	\$3 141200
Columns/Units Sampled Aircraft on hand Alst Bde 2d Bde 3d Bde Cav Sqdn Avn Co (Div) Maint Bn Div Arty	02 04 Control as of 131400 04 04 04 31 10 02 09	0 09 Main CP Avn 141200 04 04 04 31	01 09 Location of Alternate CP G3 141200 04 04 04 31		\$3 141200
Columns/Units Sampled Aircraft on hand Alst Bde 2d Bde 3d Bde Cav Sqdn Avn Co (Div) Maint Bn Div Arty Vircraft operatio	02 04 Control as of 131400 04 04 04 31 10 02 09	0 09 09 Main CP Avn 141200 04 04 04 04 31 10	01 09 Location of Alternate CP G3 141200 04 04 04 04 31 10		\$3 141200
Columns/Units Sampled Aircraft on hand alst Bde 2d Bde 3d Bde Cav Sqdn Avn Co (Div) Maint Bn Div Arty Aircraft operation	02 04 Control as of 131400 04 04 04 04 31 10 02 09	0 09 09 Main CP Avn 141200 04 04 04 31 10 0 09	01 09 Location of Alternate CP G3 141200 04 04 04 01 02 02		\$3 141200
Columns/Units Sampled Aircraft on hand Aircraft on hand Aircraft on hand Aircraft on hand Aircraft on hand Aircraft on hand Div Bode Cav Sqdn Avn Co (Div) Maint Bn Div Arty Aircraft operatio Aircraft operatio Aircraft Bde Adde	02 04 Control as of 131400 04 04 04 31 10 02 09	0 09 09 Main CP Avn 141200 04 04 04 31 10 0 09	01 09 Location of Alternate CP G3 141200 04 04 04 02 09		\$3 141200 04
Columns/Units Sampled Aircraft on hand Ist Bde 2d Bde 3d Bde Cav Sqdn Avn Co (Div) Maint Bn Div Arty Aircraft operatio 1st Bde 2d Bde 3d Bde	02 04 Control as of 131400 04 04 04 31 10 02 09 onal	0 09 09 Main CP Avn 141200 04 04 04 31 10 0 09	01 09 Location of Alternate CP G3 141200 04 04 04 02 09	09 Chart Div Arty S3 141200	\$3 141200 04
Columns/Units Sampled Aircraft on hand Ist Bde 2d Bde 3d Bde Cav Sqdn Avn Co (Div) Maint Bn Div Arty Aircraft operatio 1st Bde 2d Bde 3d Bde Cav Sqdn	02 04 Control as of 131400 04 04 04 31 10 02 09 onal	0 09 09 Main CP Avn 141200 04 04 04 31 10 0 09	01 09 Location of Alternate CP G3 141200 04 04 04 02 09	09 Chart Div Arty \$3 141200	\$3 141200 04
Columns/Units Sampled Aircraft on hand Ist Bde 2d Bde 3d Bde Cav Sqdn Avn Co (Div) Maint Bn Div Arty Aircraft operation Ist Bde 2d Bde 3d Bde Cav Sqdn Avn Co (Div) Arcraft operation Ist Bde 2d Bde 3d Bdc Cav Sqdn Avn Co (Div)	02 04 Control as of 131400 04 04 04 31 10 02 09 onal 02 04 04	0 09 09 Main CP Avn 141200 04 04 31 10 0 09 02 04 04 25 08	01 09 Location of Alternate CP G3 141200 04 04 04 02 09		\$3 141200 04
Columns/Units Sampled Aircraft on hand Ist Bde 2d Bde 3d Bde Cav Sqdn Avn Co (Div) Maint Bn Div Arty Aircraft operatio 1st Bde 2d Bde 3d Bde Cav Sqdn	02 04 Control as of 131400 04 04 04 31 10 02 09 onal	0 09 09 Main CP Avn 141200 04 04 04 31 10 0 09	01 09 Location of Alternate CP G3 141200 04 04 04 02 09		\$3 141200 04

(Note: Entries are in number of aircraft.)

Columns/Units	Control as of	Main CP Avn	Alternate CP G3	Div Arty S3	Brigade S3
Sampled	141400	141800	141800	141800	141800
Aircraft on hand					
1st Bde	04	04	04	04	04
2d Bde	04	04	04	04	
3d Bde	04	04	04	03	
Cav Sqdn	,31	29	31	20	
Avn Co (Div)	10	10	10	10	
Maint Bn	02	02	02	-	
Div Arty	09	09	09	09	
Aircraft operation	02	02	02	03	04
2d Bde	04	04	04	04	
3d Bde	04	04	04	03	
Cav Sqdn	22	25	25	03	
Avn Co (Div)	07	08	08	07	
rlaint Bn	02	01 09	01 09	- 09	
Div Arty	04				

	Location of Chart						
Columns/Units Sampled	Control as of 141400	Main CP Avn 142400	Alternate CP G3 142400	Div Arty S3 142400	Brigade S3 142400		
Aircraft on hand							
lst Bde	04	04	04		04		
2d Bde	04	04	04				
3d Bde	04	13	04				
Cav Sqdn	31	30	32				
Avn Co (Div)	10	10	10				
, Maint Bn	02	02	02				
Div Arty	09	09	09				
Aircraft operation	nal						
1st Bde	02	04	02		04		
2d Bde	04	04	04				
3d Bde	04	13	04				
Cav Sqdn	22	27	25				
Avn Co (Div)	07	08	08				
Maint Bn	02	01	01				
Div Arty	04	09	09				

(Note: Entries are in number aircraft.)

Figure 2-125 (cont). Data collected from the aircraft availability chart.

1	OC	ar.	ion	OT	Lind	TT

Columns/Units Sampled	Control as of 141400	Main CP Avn 150600	Alternate CP G3 150600	Div Arty S3 150600	Brigade S3 150600
Aircraft on hand					
lst Bde	04	04	04	04	04
2d Bde	04	04	04	04	
3d Bde	04	1 13	04	03	
Cav Squn	31	30	31	22	
Avn Co (Div)	10	10	06	10	
Maint Bn	02	0	02	-	
Div Arty	09	09	09	09	
Aircraft operation	onal 02	04	02	03	04
2d Bae	04	04	04	03	
	0.4	13	04	03	
3d Bde	04				
Cav Squn	22	23	25	13	
Cav Sqdn Avn Co (Div)			25 05		
Cav Squn	22	23	25	13	

		/					
Columns/Units Sampled	Location of Chart						
	Control as of 141400	Main CP Avn 151200	Alternate CP G3 151200	Div Arty S3 151200	Brigade S3 151200		
Aircraft on hand							
lst Bde	04	04	04		04		
2a Bde	04	04	04				
3d Bde	04	13	04				
CAV Sqdn	31	30	31				
AVA do (DIV)	10	10	10				
Maint Bi	02	0	02				
Div Arty	09	09	09				
Aircraft operation	nal						
1st Bde	02	04	02		04		
2d Bde	04	04	04				
3d Bde	04	13	04				
Cav Sqdn	22	23	25				
Avn Co (Div)	07	08	08				
Faine Bn	02	0	01				
Div Arty	04	09	09				

1.

Figure 2-125 (cont). Data collected from the aircraft availability chart.

3 :4

Columns/Units Sampled	Control as of 151400	Main CP Avn 151800	Alternate CP G3 151800	Div Arty 53 151800	Brigade S3 151800		
	131790	131000	131000	101000	101000		
Aircraft on hand							
h							
lst Bde	04	04	04	04			
2d Bde	04	04	04	04			
3d Bde	28	04	04	03			
Cav Sqdn	31	25	31	22			
Avn Co (Div)	10	10	10	10			
Maint Bn	02	02	02	-			
Div Arty	11	09	09	09			
Aircraft operation	onal 02	04	02	03			
2d Bde	04	04	04	04			
3d Bde	28	04	04	03			
Cav Sqdn	18	19	25	13			
Avn Co (Div)	08	08	08	07			
Maint Bn	02	01	01	-			
) Div Arty	05	09	09	09			
	(Note: Entries are in number of aircraft.)						

	Location of Chart						
Columns/Units Sampled	Control as of 151400	Main CP Avn 152400	Alternate CP G3 152400	Div Arty S3 152400	Brigade \$3 152400		
Aircraft on hand							
lst Bde	04	04	04	04	-		
2d Bde	04	04	04	04 '			
3d Bde	28	04	04	03			
Cav Sqdn	31	25	30	22			
Avn Co (Div)	10	10	10	10			
Maint Bn	02	02	02	-			
Div Arty		09	09	09			
Aircraft operatio	nal						
1st Bde	02	04	04	03			
2d Bde	04	04	04	04			
3d Bde	28	04	04	03			
Cav Sydn	18	19	25	13			
Avn Co (Div)	08	08	08	07			
Maint Bn	02	01	02	-			
Div Arty	05	09	09	09			

Figure 2-125 (cont). Data collected from the aircraft availability chart.

Location	of	Chart
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						200
Columns/Units Sampled	Control as of 151400	Main CP Avn 160600	Alternate CP G3 160600	Div Arty S3 160€00	Brigade S3 160600	•
Aircraft on hand						
1st Bde	4 .	_	04	04	/I =	4
2d Bde	4		04	04	-	
3d Bde	. 28	_	04	03		
Cav Sqdn	31	-	30	22		_
Avn Co (Div)	10	-	10	10 .		
Maint Bn	02	-	02	-		-
Div Arty	11		09	09		
Aircraft operation	nal					
1st Bde	02	-	04	03	-	
2d Bde	04	_	04	04		_
3d Bde	28		04	03		_
Cav Sqdn	18	_	25	13		_
Avn Co (Div)	08		08	07		
Maint Bn	02	-	02	_		_
Div Arty	' 05		09	09		6
		Entries are	in number of air			

Figure 2-125 (cont). Data collected from the aircraft availability chart.

	Control	Control Main CP Alternate CP					
	as of	Main CP FSE	Alternate CP FSE	Div Art S3			
Type anmunition/unit	122400	122400	122400	122400			
HE expended							
1/45	24		-	-			
1/46	209	******					
1/47	<u>Q</u>	******					
1/48	<u> </u>						
1/49		****		******			
Smoke expended							
1/45	0						
1/46	0						
1/47	0						
1/48		-		-			
1/49			ion of chart and				
	Control as of	Main CP	ion of chart and of Alternate CP FSE				
Type ammunition/unit	Control as of 122400		Alternate CP	Div Arty			
	as of	Main CP FSE	Alternate CP FSE	Div Arty S3			
ype ammunition/unit E expended	as of 122400 24	Main CP FSE	Alternate CP FSE	Div Arty \$3 130600			
ype ammunition/unit	as of 122400	Main CP FSE 130600	Alternate CP FSE	Div Arty \$3 130600			
ype ammunition/unit E expended 1/45	as of 122400 24	Main CP FSE 130600 24 194	Alternate CP FSE	Div Arty \$3 130600 24			
ype ammunition/unit E expended 1/45	as of 122400 24	Main CP FSE 130600	Alternate CP FSE	Div Arty \$3 130600 - 24 194			
ype ammunition/unit E expended 1/45	as of 122400 24	Main CP FSE 130600 24 194	Alternate CP FSE	Div Arty \$3 130600 24			
ype ammunition/unit E expended 1/45	as of 122400 24	Main CP FSE 130600 24 194	Alternate CP FSE	Div Arty \$3 130600 - 24 194			
ype ammunition/unit E expended 1/45 1/46 1/47 1/48 3moke expended	as of 122400 24	Main CP FSE 130600 24 194	Alternate CP FSE	Div Arty \$3 130600 			
ype ammunition/unit E expended 1/45 1/46 1/47 1/48 1/49 Smoke expended 1/45 1/46	as of 122400 24 209 0	Main CP FSE 130600	Alternate CP FSE	Div Arty \$3 130600 			
ype ammunition/unit E expended 1/45 1/46 1/47 Smoke expended 1/45 1/46 1/47	as of 122400 24 209 0	Main CP FSE 130600 24 194 0	Alternate CP FSE	Div Arty \$3 130600 			
ype ammunition/unit E expended 1/45 1/46 1/47 1/48 1/49 Smoke expended 1/45 1/46	as of 122400 24 209 0 0 0	Main CP FSE 130600 24 194 0	Alternate CP FSE	Div Arty \$3 130600 			

	Control	Main CP	Alternate CP	Div Arty
	as of	FSE	FSE	\$3
ype ammunition/unit	122400	131200	131200	131200
expended				
1/45	24	24		738
1/46	209		**********	185
1/47	}	184		108
1/48 3/49	ő	104		173 02
oke expended				
]/45	0	0		0
_]/46				Ŏ
2 4 4 50	0			0
1/47				
1/48	Ò	Ŏ		Ŏ
		Q Q Loc	ation of chart and	<u> </u>
1/48	Control	Main CP	Alternate CP	times Div Arty
1/48 1/49	Control as of	Main CP FSE	Alternate CP FSE	times Div Arty S3
1/48 1/49	Control	Main CP	Alternate CP	times Div Arty
1/48 1/49 /pe ammunition/unit	Control as of	Main CP FSE	Alternate CP FSE	times Div Arty S3
1/48 1/49 ype ammunition/unit E expended	Control as of 122400	Main CP FSE	Alternate CP FSE 131800	0 times Div Arty S3 131800
1/48 1/49 ype ammunition/unit expended	Control as of 122400	Main CP FSE	Alternate CP FSE 131800	0 times Div Arty S3 131800
1/48 1/49 ype ammunition/unit E expended 1/45 1/46 1/47	Control as of 122400	Main CP FSE	Alternate CP FSE 131800	738 185
1/48 1/49 /pe ammunition/unit expended 1/45 1/46 1/47	Control as of 122400	Main CP FSE	Alternate CP FSE 131800	738 738 108 173
1/48 1/49 ype ammunition/unit E expended 1/45 1/46 1/47 1/48 1/49	Control as of 122400	Main CP FSE	Alternate CP FSE 131800	738 185
1/48 1/49 ype ammunition/unit E expended 1/45 1/46 1/47	Control as of 122400	Main CP FSE	Alternate CP FSE 131800	738 738 108 173
1/48 1/49 /pe ammunition/unit expended 1/45 1/46 1/47 1/48 1/49 moke expended 1/45	Control as of 122400	Main CP FSE	Alternate CP FSE 131800	738 738 108 173
1/48 1/49 /pe ammunition/unit expended 1/45 1/46 1/47 1/48 1/49 noke expended 1/45 1/46	Control as of 122400	Main CP FSE	Alternate CP FSE 131800	738 185 108 22
1/48 1/49 ype ammunition/unit E expended 1/45 1/46 1/47 1/48 1/49 moke expended 1/45	Control as of 122400	Main CP FSE	Alternate CP FSE 131800	738 185 108 22

Figure 2-126 (cont). Data collected from the ammunition status chart.

	Location of chart and times						
Type ammunition/unit	Control as of 132400	Main CP FSE 132400	Alternate CP FSE 132400	Div Arty \$3 132400			
HE expended	3						
1/45	202	-	24	738			
1/46	556	_	194	185			
1/47	144		0	108			
1/48	327	-	184	173			
]/49	02		0	02			
Smoke expended	183		0	0			
1/46							
1/47	0	-	<u> </u>	0			
1/48	. 0	***	0	0			
1/49	n	_	0	0			

	Location of chart and times						
Type ammunition/unit	Control as of 132400	Main CP FSE 140600	Alternate CP FSE 140600	Div Arty S3 140600			
IE expended							
1/45	202	73	24	1450			
1/46	556	185	194	456			
1/47	744	108	0	484 327			
1/48	327	327	184	327			
moke expended	UZ.	02	····	02			
1/45	183	0	0	0			
1/46	0	0	Δ	0			
1/47	0	0					
1/48	-						
1/49	· · · · · · · · · · · · · · · · · · ·						

(Note: Entries are in number of rounds expended)

of	Main CP FSE	Alternate Cl	Div Arty
400	141200	FSE 141200	\$3 141200
202		1453	1450
56		371	456
44		36	484
27		327	267
02	********	02	0
	56 44	56 - 44 - 27 -	56 - 371 44 - 36 27 - 327

	•	Loca	ation of chart and	times (
Type ammunition/unit	Control as of 132400	Main CP FSE 141800	Alternate CP FSE 141800	Div Arty S3 141800
HE expended			,	
1/45	202	73	1453	1450
1/46	556	185	37.1	456
1/47	144	108	36	484
1/48	327	327	32/	267
1/49	02	02	02	0
Smoke expended	183	0	0	0
1/46	0		T. T. T. T. T. T. T. T. T. T. T. T. T. T	9
1/47	0	0	0	0
1/48	0	0		<u></u>
1/49	0	0	0	0

Figure 2-126 (cont). Data collected from the ammunition status chart.

(Note: Entries are in number of rounds expended)

_	Location of chart and times						
Type ammunition/unit	Control as of 142400	Main CP FSE 142400	Alternate CP FSE 142400	Div Arty S3 142400			
HE expended							
1/45	1816		1453	1875			
1/46	609		371	115			
1/47	924		36	924			
1/48	367		327	100			
Smoke expended	26		02	0			
)/49 Smoke expended 1/45	36		02	0			
1/49	36		_	0			
1/49 Smoke expended 1/45	36 0		_	0			

		Location of chart and times		
Type ammunition/unit	Control as of 142400	Main CP FSE 150600	Alternate CP FSE 150600	Div Arty S3 150600
HE expended	1016	3075		

1/45	1816	1875	
1/46	609	115	- (. e - e . e . e . e . e . e . e . e . e
1/47	924	924	press to the section of the section
1/48	367	267	
1/49	Q	0	ndrangraphy physic steps and representation and the second state of the second state o

Smoke expended

1/45	36	36	
1/46	0	U	
1/47	0	0	
1/48	0	0	·····································
1/49	0	0	

(Note: Entries are in number of rounds expended)

			ation of chart and	times
	Control as of	Main CP FSE	Alternate CP FSE	Div Arty S3
ype ammunition/unit	142400	, 51200	151200	151200
E expended				
1/45	1816	_	1453	778
1/46	609		371	873
1/47	924	~~~~ <u>~</u> ~~~~	36	924
<u>1/48</u>]/49	367 0		327 02	324 02
moke expended				
1/45				36
1/46		and the desired of the shift of the		<u>-</u>
1/47	<u>-</u>	***		
1/40				
1/49			ution of chart and	times
	Control	Main CP	Alternate CP	Div Arty
1/49	Control as of 142400			
/pe ammunition/unit	as of	Main CP FSE	Alternate CP FSE	Div Arty
/pe ammunition/unit E expended 1/45	as of 142400	Main CP FSE 151800	Alternate CP FSE 151800	Div Arty
/pe ammunition/unit expended 1/45 1/46	as of 142400 1816 609	Main CP FSE 151800 778 873	Alternate CP FSE 151800	Div Arty (
1/49 ype ammunition/unit expended 1/45	as of 142400 1816 609 924	Main CP FSE 151800 	Alternate CP FSE 151800	Div Arty (
/pe ammunition/unit expended 1/45 1/46	as of 142400 1816 609	Main CP FSE 151800 778 873	Alternate CP FSE 151800	Div Arty
1/49 /pe ammunition/unit Expended 1/45 1/46 1/47 1/48 1/49	as of 142400 1819 609 924 367	Main CP FSE 151800 778 873 582 324	Alternate CP FSE 151800 1453 371 36 327	Div Arty (
/pe ammunition/unit expended 1/45 1/46 1/47 1/48 1/49 moke expended 1/45	as of 142400 1819 609 924 367	Main CP FSE 151800 778 873 582 324	Alternate CP FSE 151800 1453 371 36 327	Div Arty (
1/49 /pe ammunition/unit E expended 1/45 1/48 1/49 noke expended 1/45 1/46	as of 142400 1819 609 924 367 0	Main CP FSE 151800 778 873 582 324 02	Alternate CP FSE 151800	Div Arty (
1/49 ype ammunition/unit E expended 1/45 1/46 1/49 noke expended 1/45 1/46 1/47	as of 142400 1816 609 924 367 0	Main CP FSE 151800 778 873 582 324 02	Alternate CP FSE 151800	Div Arty (
ype ammunition/unit E expended 1/45 1/46 1/48 1/49 moke expended 1/45 1/46	as of 142400 1819 609 924 367 0	Main CP FSE 151800 778 873 582 324 02	Alternate CP FSE 151800	Div Arty (

	Location of chart and times				
Type ammunition/unit	Control as of 152400	Main CP FSE 152400	Alternate CP FSE 152400	Div Arty \$3 152400	
E expended					
	1531	_	778	1753	
1/45	1845	_	1873	1137	
1/46	1067	-	582	185	
1/47	572		324	02	
1/48	04		02	0	
Smoke expended 1/45 1/46			0	0	
1/47	ō		0	<u> </u>	
1/48			0		

		Loca	ation of chart and	CTINES Andre		
	Control as of	Main CP FSE	Alternate CP FSE	Div Arty S3		
ype ammunition/unit	152400	160600	160600	160600		
E expended				1752		
	1531	-	778	1753 1132		
1/45	1845		873	185		
	1067	Political designation of the second s	582 324	338		
	572		J24			
	04		NC 	****		
Smoke expended						
Smoke expended			0	0		
1/45	78			0		
1/46	<u> </u>		0	0		
1/47	<u>Q</u> _		0			
1/48			0			
1/49			M-1			

	_	Locat	ion of chart and time	S
Units	Control as of 122000	Main CP FSE 122400	Alternate CP FSE 122400	Div Arty S3 122400
1/45 Arty	226282	226282		226282
Battery A	257 284	257284		257284
Battery B	223305	223305		223305
Battery C	187313	187313		187313
1/46 Arty	112301	112301		112301
Battery A	106297	065236		065236
Battery B	078307	078307		078307
Battery C	- 129315	073229		073229

	-	Locat	ion of chart and time:	S
Units	Control as of 130200	Main CP FSE 130600	Alternate CP FSE 130600	Div Arty S3 130600
1/45 Arty	226282	226282	227283	226282
Battery A	257 284	247284	261 227	257284
Battery B	223305	223305	259230	223305
Battery C	187313	187313	269210	187313
1/46 Arty	112301	112301	065235	112301
Battery A	106297	065236	037170	106297
Battery B	078307	078307	066235	078307
Battery C	129315	073229	073228	1293 15

			ion of chart and time:	S
Units	* Control as of 130800	Main CP FSE 131200	Alternate CP FSE 131200	Div Arty S3 131200
1/45 Arty	226282	226282		226282
Battery A	257284	257284		257 284
Battery B	223305	223305		223305
Battery C	187313	187313		193373
1/46 Arty	112301	112301	· · · · · · · · · · · · · · · · · · ·	112301
Battery A	106297	106297		106297
Battery B	078307	078307		078307
Battery C	129315	129315		129315

			ion of chart and time:	es			
Units	Control as of 131400	Main CP FSE 131800	Alternate CP FSE 131800	Div Arty S3 131800			
1/45 Arty	215346	226282	21 5346	215346			
Battery A	257284	257284	_	306372			
Battery B	223305	223305	-	230381			
Battery C	193373	187313	-	185400			
1/46 Arty	077337	112301	083366	072404			
Battery A	061319	106297	-	044408			
Battery B	078338	078307	•	082407			
Battery C	093319	129315	_	1024 08			

		Locat	ion of chart and time	S
Units	Control as of 132000	Main CP FSE 132400	Alternate CP FSE 132400	Div Arty \$3 132400
1/45 Arty	215346	232338	215346	215346
Battery A	306372		306372	306372
Battery B	230381	•	230381	230381
Battery C	185400	-	185400	185400
1/46 Arty	072404	· · · · · · · · · · · · · · · · · · ·	085419	072404
Battery A	044408		093431	044408
Battery B	082407		085419	082407
Battery C	102408	<u> </u>	106430	102408

		Locati	on of chart and time	\$
Units	Control as of 140200	Main CP FSE 140600	Alternate CP FSE 140600	Div Arty S3 140600
1/45 Arty	215346	215346	215346	248425
Battery A	306372	306372	300372	302402
Battery B	230381	230381	230381	264414
Battery C	185400	185400	185400	198448
1/45 Arty	085419	085419	085419	085419
Battery A	059431	059431	095431	059431
Battery B	085439	085439	085419	085439
Battery C	106430	106430	106430	1064 30

		Locat	ion of chart and time	\$
Units	Control as of 140800	Main CP FSE 141200	Alternate CP FSE 141200	Div Arty \$3 141200
1/45 Arty	248425	248425	248425	
Battery A	302402	302402	302402	•
Battery B	264414	264414	264414	
Battery C	198448	198448	198448	
1/46 Arty	058419	058419	085419	•
Battery A	059431	059431	095431	
Battery B	085439	085439	085439	•
Battery C	106430	106430	106430	•

		Locati	on of chart and times	É
Units	Control as of 141400	Main CP FSE 141800	Alternate CP FSE 141800	D1v Arty \$3 141800
1/45 Arty	244477	248425	260520	263524
Battery A	331455	302402		318528
Battery B	293466	264414		282536
Battery C	201482	198448	-	229521
1/46 Arty	145447	058419	140470	085419
Battery A	129456	059431	,	059431
Battery B	139473	085439	pa .	085439
Battery C	153470	106430	•	106430

		LOCAT	ion of chart and time	S
Units	Control as of 142000	Main CP FSE 142400	Alternate CP FSE 142400	Div Arty S3 142400
1/45 Arty	263524	263524		•
Battary A	318528	•		_
Battery B	282536	•		•
Battery C	191542	-	-	
1/46 Arty	181508	181447	-	•
Battery A	163505	•	•	•
Battery B	184518	•	•	-
Battery C	198505		4	

	Location of chart and times				
Units	Control as of 150200	Main CP FSE	Alternate CP FSE	D1v Arty \$3 150600	
1/45 Arty	218536	•		218536	
Battery A	242563	•		242563	
Battery B	191567	•		191567	
Battery C	162586			162586	
1/46 Arty	181508	•	•	181508	
Battery A	163505		-	163505	
Battery B	184518	7	9.	184518	
Battery C	198505	•	•	198503	

Figure 2-127 (cont). Data collected from the artillery positions chart.

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		Locat	ion of chart and time:	5
Units	Control as of 150800	Main CP FSE	Alternate CP FSE 151200	Div Arty 53 151200
1/45 Arty	260600	-	230610	218536
Battery A	339652	-	_	242: 53
Battery B	294661	-		191567
Battery C	254658		-	162582
1/46 Arty	053656	-	060650	063580
Battery A	084662			094599
Battery B	063667		-	061601
Battery C	039656			034589

		Locati	ion of chart and time	s
Units	Control as of 151400	Main CP FSE	Alternave CP FSE 151860	Div Arty S3
1/45 Arty	-		290660	~
Battery A	~		-	•
Battery B	-		-	_
Battery C	_		_	
1/46 Arty	-	· · · · · · · · · · · · · · · · · · ·	070700	
Battery A	··········			
Battery B			•	
Battery C			-	

		Locat	ion of chart and time	S
Units	Control as of 152000	Main CP FSE 152400	Alternate CP FSE 152400	Div Arty S3 152400
1/45 Arty	381762	382675	-	381761
Battery A	381782	-		381782
Battery B	368795		-	368795
Battery C	346781	-		346781
1/46 Arty	064711	075767	070760	075767
Battery A	086719	-	-	090764
Battery B	072719	<u> </u>	<u>-</u>	088773
Battery C	051721	-		070780

	Location of chart and times				
Units	Control as of 160200	Main CP FSE 160600	Alternate CP FSE 160600	Div Arty S3 160600	
1/45 Arty	381762		380760	381761	
Battery A	381782	_	_	381782	
Battery B	368795	<u>-</u>	_	370853	
Battery C	346781			350840	
1/46 Arty	075767	_	-	075767	
Battery A	090764	_	-	090764	
Battery B	088773		-	088773	
Battery C	070780	-	•	070780	

11			Location of char	irt		
Item/Status	Control as of 131800	Main G4 131800	Alternate G4 131800	DISCOM S3 131800		
Tank M60						
Serviceable	181	183		183		
DL < 24 hr	04	03		03		
DL > 24 hr	0	0		0		
DL unrepairable	0	0		0		
Combat loss	09	25		25		
Carrier MI13	· · · · · · · · · · · · · · · · · · ·					
Serviceable	330	346		342		
DL < 24 hr	04	04		04		
DL > 24 hr	02	03		03		
DL unrepairable	01	10		10		
Combat loss	19	39		39		

			Location of char	DISCOM S3 132400 203 02 01 01 03
Item/Status	Control as of 131800	Main G4 132400	Alternate G4 132400	
Tank M60				
Serviceable	181	183	183	203
DL < 24 hr	04	03	03	02
DL > 24 hr	0	0	0	01
DL unrepairable	0	0	0	. 01
Combat loss	09	25	25	03
Carrier M113				
Serviceable	330	346	346	369
DL < 24 hr	04	04	04	0
DL > 24 hr	02	03	03	0
DL unrepairable		10	10	0
Combat loss	19	39	39	0

Loca	t10n	OT	chart	

			FOOR OLD II OL GUAL		
Item/Status	Control as of 131800	Main G4 140600	Alternate G4 140600	DISCOM S3 140600	
Tank M60					
Serviceable	181		183	203	
DL < 24 hr	04		03	02	
DL > 24 hr	0		0	01	
DL unrepairable	0		0	01	
Combat loss	09	-	25	03	
Carrier M113					
Serviceable	330	-	346	369	
DL < 24 hr	04	-	04	0	
DL > 24 hr	02	_	03	0	s
DL unrepairable	01	-	10	01	
Combat loss	19		39	0	

location of chart:

	<u> </u>	LOCATION OF CHAP	C	
Control as of 131800	Main G4 141200	Alternate G4 141200	DISCOM S3 141200	C
181	•	183	203	
04	-	03	02	
O	-	0	01	
e 0		0	01	
09	-	25	03	ů.
330	-	346	369	
04		04	0	
02		03	0	
e 01		10	01	,
19		39	0	
	as of 131800 181 04 0 e 0 09 330 04 02 e 01	as of Main G4 131800 141200 181 - 04 - 0 - e 0 - 330 - 04 02 e 01	Control as of Main G4 Alternate G4 131800 141200 141200 181 - 183 04 - 03 0 - 0 e 0 - 0 09 - 25 330 - 346 04 04 02 03 e 01 10	as of Main G4 Alternate G4 DISCOM S3 131800 141200 141200 141200 181 - 183 203 04 - 03 02 0 - 0 01 e 0 0 01 09 - 25 03 330 - 346 369 04 0 04 0 02 03 0 e 01 10 01

(Note: Entries are in number of vehicles.)

			Location of chai	rt			
Item/Status	Control as of 141800	Main CP G4 141800	Alternate CP G4 141800	DISCOM S3 141800			
Tank M60	183	183	183	183			
Serviceable DL < 24 hr	05	03	03	03			
DL 7 24 hr	03	0	0				
DL unrepairable	0	0	0	0			
Combat loss	28	25	25	25			
Carrier M113							
Serviceable	431	364	346	346			
DL < 24 hr	15	05	04	04			
DL > 24 hr	01	02	04	03			
DL unrepairable	01	01	10	10			
Combat loss	40	19	39	39			

_			Location of cha	irt
Item/Status	Control as of 141800	Main CP G4 142400	Alternate CP G4 142400	DISCOM S3 142400
Tank M60				
Serviceable	183		174	183
DL < 24 hr	05		03	03
DL > 24 hr	0		0	0
DL unrepairable	0	-	0	0
Combat loss	28	-	34	25
Carrier M113				
Serviceable	431	_	346	346
DL < 24 hr	15	-	04	04
DL 7 24 hr	01	-	03	03
DL unrepairable	01	_	10	10
Combat loss	40		39	39

	Location of chart						
Item/Status	Control as of 141800	Main CP G4 150600	Alternate CP G4 150600	DISCOM \$3 150600			
Tank M60 Serviceable	183	194	174	194			
DL < 24 hr	05	03	03	03			
DL > 24 hr	0	04	0	04			
DL unrepairable	0	0	0	U			
Combat loss	28	32	34	32			
Carrier M113 Serviceable	431	334	346	334			
DL < 24 hr	15	13	04	13			
DL 7 24 hr	01	0	03	0			
DL unrepairable	01	01	10	01	,		
Combat loss	40	41	39	41			

_			Location of cha	rt	
Item/Status	Control as of 141800	Main CP G4 151200	Alternate CP G4 151200	DISCOM S3 151200	
Tank M60					
Serviceable	183		194	194	
DL 4 24 hr	05	_	03	03	
DL 7 24 hr	0		04	04	
DL unrepai rable	0		0	0	
Combat loss	28	-	32	32	
Carrier M113					
Serviceable	431	_	334	334	
DL < 24 hr	15	-	13	13	
DL 724 hr	01	-	0	0	
DL unrepairable	01	_	01	01	
Combat loss	40		41	41	

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

	·		Location of ch	art
Item/Status	Control as of 151800	Main G4 151800	Alte rnate G4 151800	DISCOM S3 151800
Tank M60				
Serviceable	229	194	194	229
DL < 24 hr	14	03	03	13
DL >24 hr	01	04	04	02
DL unrepairable	0	0	0	0
Combat loss	26	32	32	26
Carrier MIT3				
Serviceable	336	334	334	331
DL < 24 hr	16	13	13	16
DL > 24 hr	01	0	0	01
DL unrepairable	0 .	01	01	01
Combat loss	36	41	41	35

			Location of ch	art
Item/Status	Control as of 151800	Main G4 152400	Alternate G4 152400	DISCOM S3 152400
Tank M60				
Serviceable	229	-	194	169
DL< 24 hr	14	_	03	09
DL >24 hr	01	•	04	02
DL unrepairable	0	•	0	0
Combat loss	26	=	32	T9
Carrier M113				
Serviceable	336		18	298
DL < 24 hr	16	**	02	16
DL > 24 hr	01	-	01	01
DL unrepairable	0	-	01	01
Combat loss	36	-	05	32

		Location of ch	art	
Control as of 151800	Main G4 160600	Alternate G4 *160600	DISCOM S3 160600	
229	<u>-</u>	194	169	
14	-	03	09	
01	_	04	02	
. 0	-	0	0	
26	-	32	19	
	. '	.		
336		334	298	.46
16		13	. 16	
01	-	0	01	
0		01	01	
36 ·		41	32	
	229 14 01 0 26 336 16 01 0 36	as of G4 151800 160600 229 - 14 - 01 - 26 - 336 - 16 - 01 - 0 - 36 -	Control as of G4 Main G4 Alternate G4 151800 160600 160600 229 - 194 14 - 03 01 - 04 0 - 0 26 - 32 336 - 334 16 - 13 01 - 0 0 - 01 36 - 41	as of 151800 G4 160600 G4 160600 S3 160600 229 - 194 169 14 - 03 09 01 - 04 02 0 - 0 0 26 - 32 19 336 - 334 298 16 - 13 16 01 - 0 01 0 - 01 01 36 - 41 32

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

2 . 3/1

	Location of chart					
Item/Status	Control as of 131800	Battalion S4 131800	Battalion S4 132400	Battalion S4 140600	Battalior S4 141200	
Tank M60						
Serviceable	0	12	16	16	0	
L 4 24 hr	0	0	0	0	0	
DL 7 24 hr	0	0	0	0	0	
DL unrepairable	0	0	0	0	0_	
Combat loss	0	5]	1	0	
Carrier MII3 Serviceable	12	22	35	35	40	
DL < 24 hr	03	03	04	04	03	
DL > 24 hr	0	0	0	0	0	
DL unrepairable	0	0	0	0	0	
Combat loss	0	0	0	0	05	

	Location of chart					
Item/Status	Control as of 131800	Brigade S4 131800	Brigade S4 132400	Brigade S4 140600	Brigade S4 141200	
Tank M60						
Serviceable	33	46	49	37	97	
DL < 24 hr	0	0	. 0	0	0	
DL 7 24 hr	0	02	0	0	0	
DL unrepairable	0	0	. 0	0	0	
Combat loss	4	01	05	07	07	
Carrier M113						
Serviceable	69	126	118	112	118	
DL < 24 hr	03	0	0	04	03	
DL 7 24 hr	01	05	05	03	03	
DL unrepairable		0	0	0	0	
Combat Toss	09	08	10	03	20	
	(Note: Ent	ries are in nu	mber of vehic	les.)		

	Location of chart					
Item/Status	Control as of 141800	Battalion S4 141800	Battalion S4 142400	Battalion S4 150600	Battalion S4 151200	(
Tank M60						
Serviceable	0	0	0	0	00	_
DL < 24 hr	0	0	0	0	0	_
DL > 24 hr	0	0	0	0	0	_
DL unrepairable	0	0	0	0	0	_
Combat loss	0	0	0	0	0	_
Carrier MIT3						_
Serviceable	37	40	37	26	26	
DL < 24 hr	04	03	04	05	05	_
DL > 24 hr	0	0	0	C	0	_
DL unrepairable	0 .	0	0	0	0	- 1
Combat loss	08	5	07	15	17	

	Location of chart						
Item/Status	Control as of 141800	Brigade S4 141800	Brigade S4 142400	Brigade S4 150600	Brigade S4 151200	_0	
Tank M60							
Serviceable	44	44	44	44	· 44		
DL < 24 hr	02	02	02	02	02		
DL > 24 hr	0	0	0	0	0	_	
DL unrepairable	9 0	0	0	0	0		
Combat loss	8	08	08	08	16		
Carrier M113						D.	
Serviceable	81	108	81	70	113		
DL < 24 hr	08	07	08	09	09		
DL 7 24 hr	0	01	01	01	01		
DL unrepairable	e 0	0	0	0	0	n	
Combat loss	15	13	14	24	24	-	
	(Note: E	ntries are in r	number of vehicle	es.)			

			<u>location of chart</u>		
Item/Status	Control as of 151800	Battalion S4 151800	Battalion S4 152400	Battalion S4 160600	
Tank M60					
Serviceable	0	0	0	0	
DL < 24 hr	0	0	0	0	
DL > 24 hr	0	0	0	0	
DL unrepairable	0	0	0	0	
Combat loss	0	0	0	0	
Carrier M113					
Serviceable	30	2.7	39	28	
DL < 24 hr	05	05	08	13	
DL>24 hr	0	02	0	0	
DL unrepairable	0	0	0	0	
Combat loss	11	14 .	01	07	

			Location of char	t
Item/Status	Control as of 151800	Brigade S4 151800	Brigade S4 152400	Brigade S4 160600
Tank M60				
Serviceable	101		•••	194
DL < 24 hr	80		-	03
DL > 24 hr	0		-	04
DL unrepairable	0		MP	0
Combat loss	16		444	32
Carrier M113				
Serviceable	108	-	-	334
DL < 24 hr	11		/P	!3
DL>24 hr	0		-	0
OL unrepairable	0	Processor School College controls in a separation of the college o	-	01
Combat loss	27	***	**	41

Section II - DIVISION GI DATA

Topic I - PERSONNEL (See figure 2-129 for response data).

- In your section are all players on this shift, as listed on the player roster, present for
- if the answer to question I is NO, list the position number of the person(s) missing, check a reason for their absence; check yes or no if someone is filling in, and if yes, then what is his position number. (IID #3b). *2
- Are there personnel working in your section who are excess to the player roster for this shift? (A player is also excess if he is supposed to be off-shift but is employed in addition to the scheduled on-shift personnel). (IID #4a).
- If the answer to the question above is YES, identify these excess personnel. (11D #4b).

*Significant comments are summarized in element and/or section analysis.

Evaluator responses

Div PM	IID IIR Wt pct	100	001
	<u> </u>	7	7
Admin	IIR Wt pct	86	98
	9	o – -	- 9
Possible responses		Yes No Yes	0
Ques		- n	

Figure 2-129. GI responses to questions under topic I - Personnel.

- EQUIPMENT (See figure 2-130 tor response data).

- Are all the major items of equipment authorized by this section, as listed in the O&F Manual, available for use by the section? (110 #9a).
- If the answer to the above is NO, list that authorized equipment missing and give the reason why it is missing. (HD #9b).
- Are there any major items of equipment used by this section which are not listed in the OFM? (110 #10a).
- *4. If the answer to the above is YES, list the excess equipment. (IID #10b).

Significant comments are summarized in element and/or section analysis.

Evaluator responses

ЬМ	Wt pct	001	001
Div PM	IID IIR Wt pct	7	7
Admin	IID IIR Wt pct	001	29
Ac	110 11	7	22
Possible responses		Yes No	Yes
Ques		_	8

Figure 2-130. Gl responses to questions under topic 2 - Equipment.

- I FUNCTIONS AND PROCEDURES (See figures 2-131 thru 2-135 for response data.)

- much time did you spend at meals, latrine, or away from your section area on section business? (PDQ1 #19).
- (PDQ1 #20). much time did you spend in your section area but had no work to do?
- Listed below are the function and procedures for your position number. Place estimated time (Hours, Minutes) spent performing the procedure. (PDQ1 #21).
- 100 part of your time performing functions and procedures which were section in the previous question, list them below with the time (PDQ1 #22). listed for your you spent a Spent on each. •1
- Did you use an off-shift person to assist you during your shift? (PDQ1 #23). 'n
- If the answer to question #5 was yes, indicate the position number of the person assisting you along with the code number of the function and procedure performed and the amount of time spent performing this procedure. (PDQ1 #24). 10
- 9 7 Is an OFM required? (PEQ #7, IR #1a, IIR #5a).
- If an OFM is required, should it contain more or less information than the one your section used during this experiment? (PEQ #8, IR #10, IIR #5d). œ
- Did your section use the Organization and Functions Manual (GFM) provided? (PEQ #9, IIR #5) (IR #1). a
- functions and #5b). Was the OFM format such that your section could easily locate those procedures which it was required to perform? (PEQ #10, IR #1b, IIR 0
- OFM adequately describe the functions your section performed? (FEQ IIR #5c). Did the

^{*}Significant comments are summarized in element and/or section analysis.

CONTRACTIONS AND PROCEDURES (CONT)

Considering the resources allocated and the tactical conditions experienced during normal operations, list any changes to the OFM that should be made. Of particular interest are those functions and procedures that should be shifted to or from any of the elements in your section or shifted between sections. (PEQ #16, ID #36, IR #27, IID #41, IIR #25).

or section you observed during the test. Include effect when TAC CP deploys and effect when Div Alt CP assumes control. (PEQ #31, ID #35, IR #26, IID #40, IIR #24). Identify any significant strengths or weaknesses regarding functions in the element

*Significant comments are summarized in element and/or section analysis

	and all the state of the state		PROL	PROCESTIVE TIME	15 A, 411421.E	E E										
DIV Gl ADMIN		Phil.	Photograph Fire	3:1					4	-, 				Į.		
	LISTEL	LISTED FUNCTIONS	540	UNICISTE	UNLISTED FUNCTIONS	1045	IDLE TIME	T I'ME	•	ABSEN	ABSENT TIME		TIME		TIME	A LA
	Subfota: Year	Vean	ne	Subtotal Lean	ر ش ش	w e	8 Subtotal Mean 1 Suptotal Mean 7 Total Mean Total Mean	Mean ~	m44	Subtotal		20	Total	Mean	Total	Mear
044/40	13,16	5.39	13.16 5.39 52.91 14.66	14.66	1.83	17.97	1.83 17.97 22.75 2.84 27.89 1.00 0.12 1.22 81.57 10.19 57.82	2.84	27.89	1.00	0.12	1.22	81.57	10.19	57.82	7.22
E5/Above		7.50	56.07	60.00 7.50 56.07 22.00	2.75	20.56	2.75 20.56 16.50 2.06 15.42 8.50 1.06 7.94 107.00 13.37 82.00 10.25	2.06	15.42	8.50	1.06	7.94	107.00	13.37	82.00	10.25
E4/Pelon	18.50	4.62	58.73	18.50 4.62 58.73 3.00	0.75	9.52	0.75 9.52 8.00 2.00 25.39 2.00 0.50 6.34 31.50 7.87 21.50	2.00	25.39	2.00	0.50	6.34	31.50	7.87	21.50	5.37
Hotel	121.66 6.08 55.28 39.66	6.08	55.28	39.66	1.98	18.02	1.98 18.02 47.25 2.36 21.47 11.50 0.57 5.22 220.07 11.00 161.32 8.06	2.36	21.47	11.50	0.57	5.22	220.07	11.00	161.32	8.06

Figure 2-131. Gl element time utilization, Acmin.

ELEMENT			PROU	PRODUCTIVE TIME AVAILABLE	E AVAIL	ABLE										
DIV PM		PRODU	PRODUCTIVE TIME	# #										į	_	
	LISTED	LISTED FUNCTIONS	SNO	UNLISTED FUNCTIONS	D FUNCT	10115	IDLE TIME	TIME		ABSE	ABSENT TIME		TIME TIME	1 H H	TIME	# NE
	Subtotal	Yean	80	Subtotal	Nean	5 0	Subfotal Mean	Mean	w	Subtotal Mean	Mean	**	Total	Mean	Total	Mean
04/110	61.00	15.25	15.25 72.61 19.00		4.75	4.75 22.61	2.00 0.50 2.38	0.50	2.38	2.00	0.50	2.38	84.00	21.00	84.00 21.00 80.00 20.00	20.00
E5/Above	75.00	18.75	18.75 89.46	5.83	1.45	1.45 6.95	1.00 0.25 1.19	0.25		2.00	0.50	2.38	83.83	20.95	83.83 20.95 80.83 20.20	20.20
E4/Below 76.00 12.66 63.33 15.49	76.00	12.66	63.33	15.49	2.58	12.90	2.58 12.90 0.00 0.00 0.00 28.50 4.75 23.75 119.99 19.99 91.49 15.24	0.00	0.00	28.50	4.75	23.75	119.99	19.99	91.49	15.24
Element Total	212.00 5.14 73.65 40.32	5.14	73.65		2.88	14.00	2.88 14.00 3.00 0.21 1.04 32.50 2.32 11.29 287.82 20.55 252.32 18.02	0.21	1.04	32.50	2.32	11.29	287.82	20.55	252.32	18.02

Figure 2-132. Gl element time utilization, PM.

i id			17	FE DUCTIVE TIME	E AVAILABLE	ASLE									 	
DIV HO COMDI		13. 18.	E 11:01:14:	111			-			· 100 mm/s					• • •	
	11:12	1.1.1. F. C. C. C. C. C. C. C. C. C. C. C. C. C.		J. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	D FUNDINGS	15:15	101.6	IDLE TIME		ABSEN	ABSENT TIME		TOTAL SHIFT	SHIFT	770	PACCUOTIVE TIME
	Subtotal	nee' -	5.7	Suproral Nean	Nean	25	Subtotal	Mean	58	Subtotal Mean	Mean	86	Total	Mean	Total Mean Tc-al	0.00
	7.25	7.25	7.25 42.02 1.00	1.00	1.00	5.79	8.00	8.00	46.37	1.00 5.79 8.00 8.00 46.37 1.00 1.00 5.79 17.25 17.25 8.25	1.00	5.79	17.25	17.25	8.25	8.25
1 ,	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
# 100 P	×	×	×	×	×	×	×	×	×	×	×	×	×	_ <u>×</u>	×	×
	7.25	7.25	7.25 42.02 1.00	1.00	1.00	1.00 5.79	8.00	8.00	46.37	8.00 8.00 46.37 1.00 1.00 5.79 17.25 17.25 8.25	1.00	5.79	17.25	17.25	8.25	. 8.25

Figure 2-133. SI element time utilization, Hqs Condt.

	sedipesons pre societoni	Time exp (hours)	exp rs)	Samnle si (number)	Samnle size (number)	Percentotal	Percentage of total time
์ เมษายา เมษายา		oung	Subfunc	ounj	Subfunc	Func	Subfunc
				Λd	Admin		
ā	Paintenance of unit strength.	35.58		22		29.25	
10163	Heintains a continuous loss estimate (balanced against forecasted personnel receipts) to provide information on current and future status of recommendations for solution thereof.		9.75		W		8.01
F11P32	Supervises system of records and reports showing status of personnel matters in the command as a whole, including:		21.83		51		17.94
F01P32A	Data required to keep the commander informed on the strength of the command and reports of direct and immediate concern, including personnel daily summary, special						

Figure 2-134. GI functions and procedures.

OLO DUDJ.	Thantions and procedures	Time exp (nours)	exn rs)	Sample si: (number)	Sample size (number)	Percen total	Percentage of total time
Jagmon		Func	Subfunc	Func	Subfunc	Func	Subfunc
				Admin (cont)	(cont)		
F01P72A	strength reports (emergency- type reports), periodic per- sonnel reports, etc.		(20.50)		(01)		(15.85)
E20a103	Other personnel reports, such as morning reports, casualty reports, etc.						
F01P02C	Prepares personnel estimates of the situation; participates in operational planning, including the provision of personnel requirements for deception and damage control operations; and prepares the personnel plan and the personnel plan and the personnel portion of orders.						
F01P92D	Determines availability of units and coordinates with G3 on recommendations as to requests for units or individual replacements.		(1.33)		(-3)		(1.03)

Figure 2-134 (cont). Gi functions and procedures.

				(C	
	Finottions and procedures	Time exp (hours)	exn -s)	Samo)	Sample size (number)	Percentage total time	Percentage of total time
		Func	Subfunc	Func	Subfunc	Func	Subfunc
				Admin	Admin (cont)		
C 6 0 4 6 6	Determines requirements, supervises requisitioning brocedures, recommends allocations, establishes policies and procedures for processing, and plans for movement of individual replacements.		4.30		7		3.29
E. O 01 E 01 72 10	Personnel management. Exercises coordinating staff supervision of all management matters (including personnel procedures) affecting the personnel of the command as individuals.	. 33		N		1.23	
u	Personne∣ manaqement.		0.50				0.41
0 0 7 0	Classifies and assigns personnel to insure that objectives of the program are carried out.	e e	(0.50)		G >		(0.41)

Figure 2-134 (cont). GI functions and procedures.

Func	Final procedures	Time ex (hours)	Time exp (hours)	Sample si (number)	Sample size (number)	Percen	Percentage of total time
number		Func	Subfunc	Func	Subfunc	Func	Subfunc
				Admin (cont)	(cont)		
F02P01B	Recommends policies and supervises the execution of programs concerning decorations and awards, promotions, pay transfers, and reassignments, as well as demotions and separations.						
F02P01C	Promotes the welfare of the command by recommending policies and supervising the execution of programs governing health and hygiene, workling hours, leaves and passes, and religious participation.						
F02P02	Plans and supervises custody, administration, utilization, and treatment of prisoners of war and civilian internees from time of capture or taking custody to evacuation, repatriation, or parole.						

Figure 2-134 (cont). GI functions and procedures.

Func	Functions and procedures	Time ex (hours)	lime exp (hours)	Sampl	Sample size (number)	Percer	Percentage of total time
number		Func	Subfunc	Func	Subfunc	Func	Subfunc
				Admin	Admin (cont)		
F02P03	Recovered US prisoners of war.						
F02P03A	Coordinates and supervises initial steps (furnishing food, clothing, and medical attention) for the rehabilitation and processing of US or allied personnel recovered from enemy control.						
F02P03B	Arranges for prompt notification to higher headquarters, prompt evacuation from the combat zone, private use of Army communications means, and intelligence debriefing.						
F02P04	Within policies of higher headquarters, recommends command policies pertaining to battlefield promotions and appointments; supervises						

Figure 2-134 (cont). GI functions and procedures.

Func and offo	senubecond the shoitsnut	Time ex (hours)	Time exp (hours)	Sampl	Sample size (number)	Percer total	Percentage of total time
number		Func	Subfunc	Func	Subfunc	Func	Subfunc
				Admin	Admin (cont)		
F02P9.4	implementation of the program to insure efficient and standard procession systems and maintenance of promotion and appointment standards.						
F02P05	Plans and suncrvises the use of civilian labor to include organization and responsibilities, conditions of employment, inclusion of labor suncrvisory units and personnel in troop lists, sunply (to include food, clothing, equipment, field shelter, and tools), fiscal arrangements, and administration of labor.		- -		_		0.82
F03	Development and maintenance of morale.						

Floure 2-134 (cont). GI functions and procedures.

runc ond pre	Finctions and procedures	Time ex (hours)	Time exn (hours)	Sampl	Sample size (number)	Percer	Percentage of total time.
number		Sunc	Subfunc	Func	Subfunc	Func	Subfunc
				Admin	Admin (cont)		
F93P01	Exercises coordinating staff responsibilities for the following services: postal, finance, religious, special, exchange, welfare, and legal.						
F33P02	Supervises graves registration duties: cemeteries, evacuation, personal effects, and ceremonies.						
F04	Health services manadement.						
F04P01	Provides information and guidarce to the surgeon for formulation of the health service plan for the command.						
F04P02	Reviews plan, approves, and places in administrative and logistic order.						

Figure 2-134 (cont). GI functions and procedures.

Func	First lons and procedures	Time ex (hours)	Time exp (hours)	Sampl	Sample size (number)	Percer total	Percentage of total time
number		Sung	Subfunc	Func	Subfunc	Func	Subfunc
				Admin	Admin (cont)		
F14P13	Sevatons estimate of injury. Sick, and wounded rate for future operations.						
F14504	Tevelops estimate of injury, sick, and wounded rate for prisoners of war.						
F04P05	Recommends policy for evacuation and hospitalization of casualties due to fallout, contamination, and chemical or biological warfare.						
F75	faintenance of discipline, law, and order.						
F05P01	Exercises coordinating staff responsibility for matters of discipline, law, and order; collects information, data, and statistics; and conducts						

Figure 2-134 (cont). Gl functions and procedures.

Func Part pero	Eluctions and procedures	Time ex (hours)	Time exp (hours)	Samole si (number)	Samole size (number)	Percen	Percentage of total time
number		Func	Sub func	Func	Subfunc	Func	Subfunc
				Admin (cont)	(cont)		
(356)	analysis thereof in order to recommend policy and/or pre-ventive or corrective actions.						
ين ز	Headquarters management.	00.1		-		9.32	
l (4905)	Controls headcuarters organization and administration without encroachment on the prerodatives of other staff officers, to insure that headquarters operations are performed with optinum efficiency; coordinates and subervises the movement and interval organization of the headquarters; recommends mannower economics, especially of bulk allotment personnel; and allocates shelter in the headquarters area in coordination with the 63 for area						

Figure 2-134 (cont). 31 functions and procedures.

Func	Enotions and procedures	Time exp (hours)	exp rs)	Sample si (number)	Sample size (number)	Percentage total time	Percentage of total time
numper		Func	Subfunc	Func	Subfunc	Func	Subfunc
				Admin (cont)	(cont)		
F06P01	organization and with the G4 for the provicion of shelter.		1.00				0.82
F06P02	Recommends the general loca- tion of the rear CP.						
F77	Provides administrative services within the section.	80.50		24		66.17	
F77P01	Performs clerical services such as typing and filing.		61.50		13		50.55
F77P02	Performs operations activities such as posting maps and charts and preparing overlays.		14.00		တ		11.51
F77P03	Performs communication-related functions such as radiotele- phone operation, laying wire, etc.		5.00		٣		4.11

Figure 2-134 (cont). G1 functions and procedures.

Func	Final and procedures	Time exp (hours)	exp rs)	Sample si: (number)	Sample size (number)	Percentotal	Percentage of total time
number		Func	Subfunc	Func	Subfunc	Func	Subfunc
	5)			Admin (cont)	(cont)		
F77P04	Performs driver functions to include vehicle maintenance (except during displacement).						
F88	Briefings.	3.08		9		2.53	
F88P01	Prepares briefings.		2.58		Ŋ		2.12
F88P02	Presents briefings. TOTAL	121.56	0.50		-		0.41
				Provost	Provost Marshal		
F01	Advises the division commander on provost marshal matters. Advises and makes recommendations pertaining to:	15.00		2		7.08	
F0 I P0 I	Maintenance of order and discipline.		3.00		4		14.15

Figure 2-134 (cont). G! functions and procedures.

UND L	near the process of t	Time exp (hours)	exp rs)	Sample si (number)	Samole sizo (number)	Percentage of total time	Percentage of total time
number		Func	Subfunc	Func	Subfunc	Func	Subfunc
			Pre	ovost 'ar	Provost 'arshal (cont)	·	
F01P32	Requirements for use of "P units.		5.50		9		3.07
F0 (P03	Populace, refudee, and resource control.		5.50		'n		2.59
F)2	Plans and supervises 'Poperations.	70.00		49		33.02	
F32P31	Prepares and supervises 3P training programs.		00.1		_		0.47
F02P02	Plans and supervises military police merations to include:		69.00		48		32.55
F32P02A	Confinerart, rehabilitation, and hospital prison wards.						
F02P023	Provides for security of PW's and civilian internees during evacuation from forward collection points to the central						

Figure 2-134 (cont). G1 functions and procedures.

E unc	nermotions and procedures	Time ex (hours)	Timo exp (hours)	Samole si (number)	Samole size (number)	Percentotal	Percentage of total time
number		Func	Subfunc	Func	Subfunc	Eunc	Subfunc
			Pre	ovost lar	Provost larshal (cont)	6	
F029025	division collecting point or Army transfer noint.		(4.50)		(3)		(2.12)
F) 2P 17C	Circulation control of vehicular traffic (including convoys), refugees (including displacement), and individuals, as well as populace and resource control and control of lines of communication.		(15.50)		(8)		(7.31)
F02P02D	Apprehension of offenders under military control.		(3.30)		(3)		(1.42)
F)2P32E	Crime investigation and pre- vention.		(00.3)		(5)		(2.83)
F02992F	Aid to civil authorities during civil disturbance or disaster.						

Figure 2-134 (cont). Gl functions and procedures.

J 61		Time ex (hours)	Timo exn (hours)	Sampl	Sample size (numbe r)	Percen	Percentage of total time
and pro	Functions and aroceautes	Func	Sub func	Func	Subfunc	Func	Subfunc
		•)J _a	ovost Har	Provost Harshal (cont)	÷	
Cocco	Willtary police surport and rear area protection potential.		(30.8)		(9)		(77.8)
H25d264	Collection and control of stragolers.	3/1	(00.9)		(7)		(2.83)
F32P021	Establishment of motor patrol circulation and control noints, or combination thereof, in support of division operations.		(15.50)		(8)		(7.31)
F02P02J	Provides for route reconnais— sance, convov escort, and security of high priority shipment or movement.		(10.50)		6)		(4.95)
F02P02K	Provides for temporary detention of US military prisoners bending further transfer to						

Figure 2-134 (cont). Gl functions and procedures.

		Time ex	Time exp	Samnle si	Sample size	Percentage (Percentage of
or or o	Functions and procedures						
number		Func	Sub func	⊃un <u>-</u>	Subfunc	Func	Subfunc
			Pro	vost "ar	Provest Marshal (cont)	ĵ.	
F02P02K	field army or [ASCC] stockade facilities.						
53	Exercises staff resmonsibility for internal security of CP	26.50		24		12.50	
F03P01	Controls oneration of security platoon, 19 company.		50.11		α		5.19
F03P02	Insures internal security of key CP locations.		8.50		α		4.01
F02P03	Coordinates with HC Commandant to integrate internal secu- rity with overall CP defense blan.		7.00		ω		3.30
F77	Provides administrative services within the section.	100,50		33		47 41	
F77P01	Performs clerical services such as typing and filing.		32.50		6		15.33

Figure 2-134 (cont). GI functions and procedures.

) C T T		Time (hou	Time exp (hours)	Sample si (number)	Sample size (number)	Percen	Percentage of total time
number		Func	Sub func	Func	Subfunc	Func	Subfunc
			λJ _d	ovest Car	Provost Carshal (cont)	H	
c77p02	Performs onerations activities such as posting maps and charts and preparing everlays.		60.81		<u>c</u>		7.55
F77233	Performs communication-related functions such as radiotele-phone onerator, laying wire, etc.		31.50		က		14.86
F77P04	Performs driver functions to include vehicle maintenance (except during displacement).		20.50	•	9		79.67
FBB	Briefings.						· · · · · · · · · · · · · · · · · ·
F38P01	Prepares briefinds.						
F88P02	Presents briefings. TOTAL	212.00					

Figure 2-134 (cont). GI functions and procedures.

Func and man	יייין דיייין דייין דייין דייין דייין דייין דייין דייין דייין דייין דייין דייין דייין דיייין דיייין דיייין דייין דייין דייין דייין דייין די	Time exn (hours)	exn rs)	Sample si (number)	Sample size (number)	Percen total	Percentage of total time
number		Sunc	Subfunc	Func	Subfunc	Func	Subfunc
	*			HQ Com	HQ Commandant		
10	Headquarters management.	3.75		2		51.72	
100103	Coordinates and supervises the movement and internal organi-zation of the headquarters.		2.2		_		31.03
F01992	Plans and sunervises command nost security.		ିଟ୍ର-				20.69
F)2	Exercises operational control over headquarters troops not assigned or attached to subordinate commands.	2.25		М		31.03	
F0,2P0.1	Supervises the training and morale activities of headquarters personnel and casuals.		00.1		_		13.79
:02P12	Messing, quartering, and supplying of headquarters personnel and casuals.		1.00		-		3.45

Figure 2-134 (cont). Gl functions and procedures.

a

Lunc Lunc	ממקוו המסכידמ למפ ממסן לימנים	Time exp (hours)	exp -s)	Samole si (number)	Samole size (number)	Percentage of total time	Percentage of total time
number		Func	Subfunc	Func	Subfunc	Func	Sub func
			H) Command	HO Commandant (cont)	l.	
F02P03	Provides protective areas for headquarters personnel and casuals.		0.25		-		3.45
F)3	Receives and provides accommodations for visitors to the headquarters.	0.25		_		3.45	
F34	Supervises the general's moss.	0.57		_		06.9	
F05	Supervises motor transportation organic to, or allocated for, use by the headquarters.	0.25				3.45	
F06	Supervises the maintenance of equipment organic to, or allocated for, use by the headquarters.	0.25		_		3.45	
F77	Provides administrative services within the section.						

Figure 2-134 (cont). Gi functions and procedures.

OU T	semilescent for the sections	Time ex (nours)	Time exn (nours)	Sampl Sampl	Sample size (number)	Percentotal	Percentage of total time
number		Func	Subfunc	Func	Subfunc	Func	Subfunc
			.	O Command	40 Commandant (cont)		
F77P31	Performs clerical services such as typing and filing.						
F77P02	Performs operations activities such as posting maps and charts and preparing overlays.						
E77P93	Performs communication-related functions such as radiotele-phone operator, laying wire, etc.						
F77P04	Performs driver functions to include vehicle maintenance (except during displacement).						
F88	Briefings.						
F88P01	Prepares briefings.						
F88P02	Presents briefinds. TOTAL	7.25					

Figure 2-134 (cont). Gl functions and procedures.

					J.	Player responses	sponses					Evaluator responses	oonses	
	Sano	Possible	. ^10	Division 61	Admin	<u>c</u>	oic via	Ž	9	HO Comdt	Division Gl	Admin	NA VIO	HQ Comdt
			DEC.	pot	030	PEO pct	PEQ	pc+	PEQ	pct	10 IR Wt pct	HD HR WT pct	PEQ pot 10 IR Wt pot 110 IIR Wt pot 110 IIR Wt pot	ID IR WT pct
	1	YES	-	100	3	001	2-	67	-	00	221 -	001 1	001 1	1 100
	m	Nore			MJ	001	- M	8			1 100	100	1 100	
3		Less Did not read OFM	-	000					_	8				001
n4		Same Not required												
	6	Yes		001	~-	19	Μ	001		00	001	001	001-1	001 +
	0	Yes	=	8	- 2	13	٢	001	-	001	1 100	001	001 1	001 -
	=	res No		001	m	100	М	00		00	1 100	1000	001	00

Figure 2-135. GI responses to questions under topic 3 - Functions and procedured.

4 - GI FILES (See figures 2-136 thru 2-138 for response data).

- Listed below are those files that were determined to be required by your position number. Indicate the total amount of time consumed when you used the file; indicate how often during your shift you used the file; indicate the amount of time consumed in the maintenance of the file during your shift. (PDQI #26)
- Based on your experience during normal operations only classify the maps available for your element. Do not consider Div TOC and Alt CP requirements. (PEQ #5, IR #18, IID #26, IIR #14.1).
- b Same as above for charts.
- 2c Same as above for Files (residual).
- If there was "not enough" or "too much", list what you would like to add or take away from your element.
- Rate the adequacy of the information required on the visual displays you have seen within the headquarters/section during the test. (This does not pertain to the accuracy of the information itself). (ID #15a, IR #17a, IID #25a, IIR #4a).
- Write the sequence number and name as given in the list of files in the PDQ1 for the map/chart to which this questionnaire applies. (CAT III D1 #2).
- Identify the player(s) in this element/section who most often post(s) this particular map/chart. (CAT III D1 #4). 4 a
- Record the approximate number of times per shift the player(s) posted this map/chart. (CAT III D1 #4). 4 P
- Identify the player(s) in this element/section who most often obtains information from this map/chart. (CAT III D1 #6). 4 c
- Record the approximate number of times per shift the player used this map/chart. (CAT III D1 #6). **4**d

*Significant comments are summarized in element and/or section analysis.

File seq no	Name of file	Total usage time (hours)	Number of times used	Maint time (hours)
			Admin	
1101 1102 1103 1104	Staff Sec Workbook Staff Journal Suspense File Division SOP	38.75	321	10.75
1105 1106 1107 1108	Personnel Daily Summary Report Unit Strength Chart Accident Report Serious Incident Report	19.25 6.00	33 11	17.25 5.00
1109 1110 1111 1112 1113 1114	Policy File Spot Strength Report Straggler Report Internee Strength Report PW Status Chart Discipline, Law, and Order	1.50 0.25 1.25	3 	1.50 0.75 1.00
1115 1116 1117 1118	Report Awards and Decorations Chart Disciplinary Action Chart Incidents Chart Periodic Personnel Report TOTAL	67.00		36.25
			PM	
1201 1202 1203 1204 1205 1206 1207	Staff Journal PW Status Chart Situation Map Police Intelligence Overlay Route Status/Circulation Control (Overlay) Vehicle-Padio Status Chart Division SOP Civilian Internee Status	12.00 2.16 9.50 3.00 9.00 1.50 1.00	74 18 49 30 80 12 7	6.00 1.75 3.50 2.00 6.00 1.50
1209	Chart Platoon Commitment Chart TOTAL	38.16		20.75
		Div	/ HQ Comdt	
1401 1402	Division SOP File Poticy File TOTAL			

Figure 2-140. GI file data, source - player.

File seq no	Name of display	Pers who posted display	No of times posted	Pers who used display	No of times used
			Adr	min	
1106	Unit Strength Chart	Asst GI Pers Mgt Supv	2 2	Asst GI	3
				РМ	
1202	PW Status Chart	Asst Div PM Op NCO	6	Asst Div PM Div PM Op NCO	29 22 15
1203	Situation Map	Asst Div PM Op NCO Div PM	65 39 31	Asst Div PM Div PM Op NCO	145 96 75
1206	Vehicle-Radio Status Chart	Asst Div PM	7	Asst Div PM Div PM Op NCO	15 10 5
1208	Civilian Internee Status Chart	Asst Div PM Op NCO	7 3	Asst Div PM Div PM Op NCO	25 21 16
1209	Platoon Commitment Chart	Asst Div PM Op NCO Div PM	33 9 6	Asst Div PM Div PM Op NCO	46 19 16

Figure 2-137. Gl display, posting, and usage data, source - evaluator.

	HQ Comdt	9	in in per		001		100			-	-					
2000	₩ VIO	HD HR W+ nc+	2	-	001	1 50	7 50		1 50	7 50			7 1 100			
Evaluator responses	Admin	ID IR WT pct ID IR WT pct ID IR WT pct ID IB WT pct		7	-		6 43	1 57		7 1 100			7 1 100			
	Division	ID IR WT pct		001			001			00			3 1 100			
	HQ Comd+	PEQ pct		100		-	001		-	001						
sporises	Div PM	PEG pc+		3 100	ŗ	/9 7	((7 67	70 7	00						
Player responses	Admin	PEQ pct		3 100			3 100		3 100							
	Division	PEUI pc-	N N N	100			100		٢	100						
	Possible response		Not enough	Adequate Too much	Not enough	Adequate	Too much	Not enough	Adequate	Too much	Very adequate	Adequate	Marginal	Inadequate	Very	inadequate
	ou ou		23		30			7c	•		m	-	eri.			

Figure 2-138. GI responses to questions under topic 4 - Files.

GI REPORTS (See figures 2-139 and 2-140 for response data). ın TOPIC

- Listed below are reports which your position number may be required to use. Indicate the total amount of preparation time spent on each. (PDQ1 #27).
- Based on your experience during <u>normal operations only</u> classify the reports required by your element. Do not consider Div TOC and ALT CP requirements. (PEQ #5, IR #18, IID #26, IIR #14.1). 2 a
- If there was "not enough" or "too much", list what you would like to add or take away from your element. , 2b

*Significant comments are summarized in element and/or section analysis.

Report seq no	Name of report	Preparation time (hours)	No of times fwd	Sample size (no)
			Admin	,
1102 1103 1104 1105 1106	Personnel Daily Summary Report Spot Strength Report Serious Incident Report Straggler Report Internee Strength Report TOTAL	20.50 0.25 0.41 0.75 2.00 23.91	6 1 3 1 4	8 2 2 4
			PM	
1103	Spot Strength Report TOTAL	1.00 1.00	5	l

Figure 2-139. GI reports data.

	HQ Comdt	ID IR WT pct	001
onses	Me VIO	ID IR WI pet IID IIR WI pet IND IIR WI pet ID IR WI pet	7 50
Evaluator responses	Admin	11D 11R W+ pc+	7 1 100
	Division G1	ID IR Wt pct	001
	HQ Comdt	PEQ pct	001
sponses	MA VIO	PEQ pct	2 67 1 33
Player responses	Admin	PEQ pct	2 67
	Division G1	PEQ pct	001
	Possible response		Not enough Adequate Too much
	Ques		79

Figure 2-140. G1 responses to questions under topic 5 - Reports.

STRUCTURE AND PRYSICAL RELATIONSHIPS (See figures 2-141 thru 2-148 for response data CHCATILZATIONAL

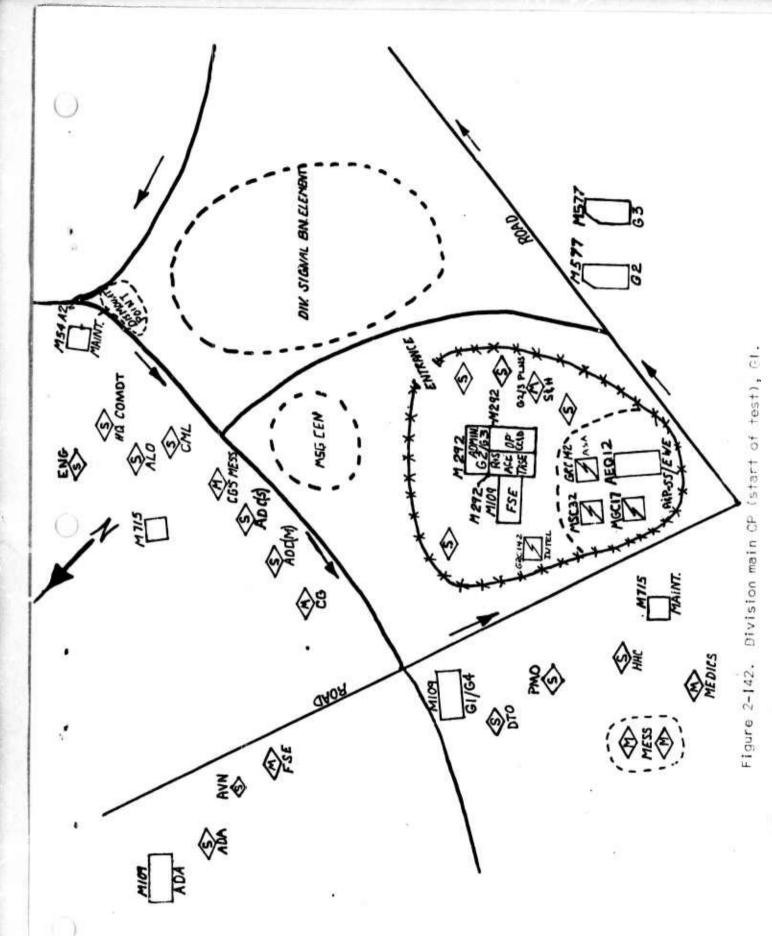
- Couplete a floor plan for each vehicle and tent in the section(s) you are respons for at the start of the fact and after each displacement. (CAT III D2). for at the start of the test and after each displacement.
- Selected Category I evaluators are responsible for having a sketch made of the CP layout at the sites shown below. A CP sketch is required at the beginning of the test and after each CP displacement is completed. (ID-special instructions). 2
- Did the physical location of your element/section within the CP have an adverse effect on your coordination with other elements/sections? (PDQ2 #3, IID #20).
- Identify any significant organizational strengths or weaknesses in the element or section you observed during the test. Include effect when TAC CP deploys and effect when Div Alt CP assumes control. (PEQ #31,ID #35,IR #26, IID #40,IIR #24).
 - Based on any observed indicators of poor staff organization, would you recommend changes concerning the organizational structure or physical operating location? PEQ =37,10 #40, IR =30, IID #42, IIR =27). ¥ 31

*Significant comments are summarized in element and/or section analysis

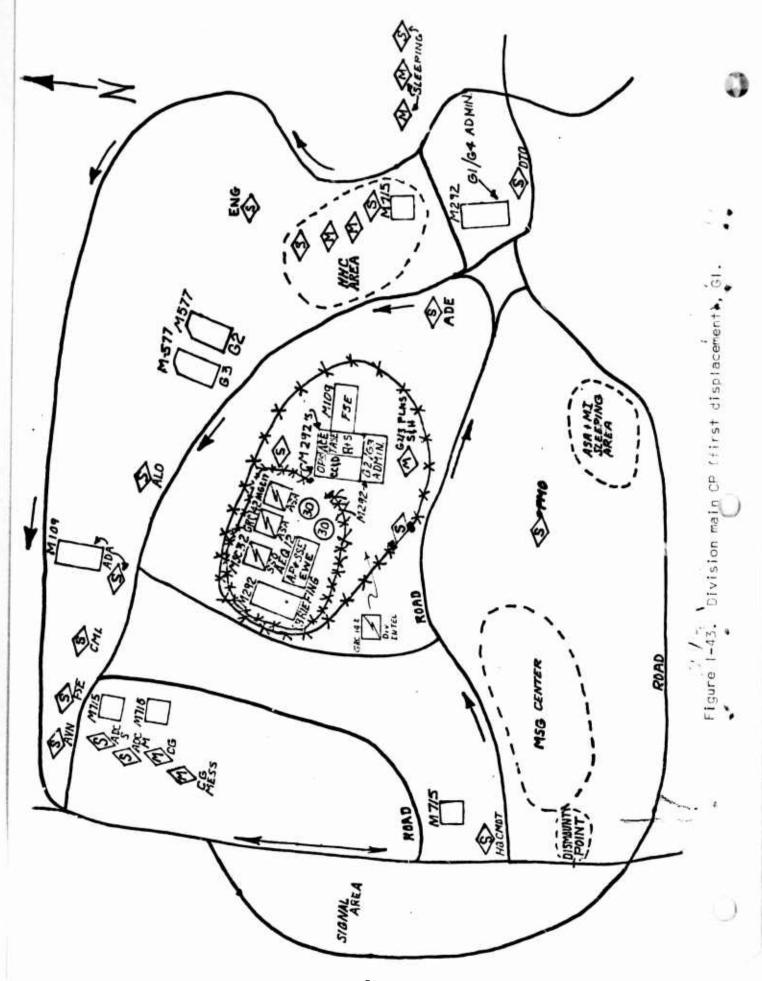
FOR CP SKETCHES

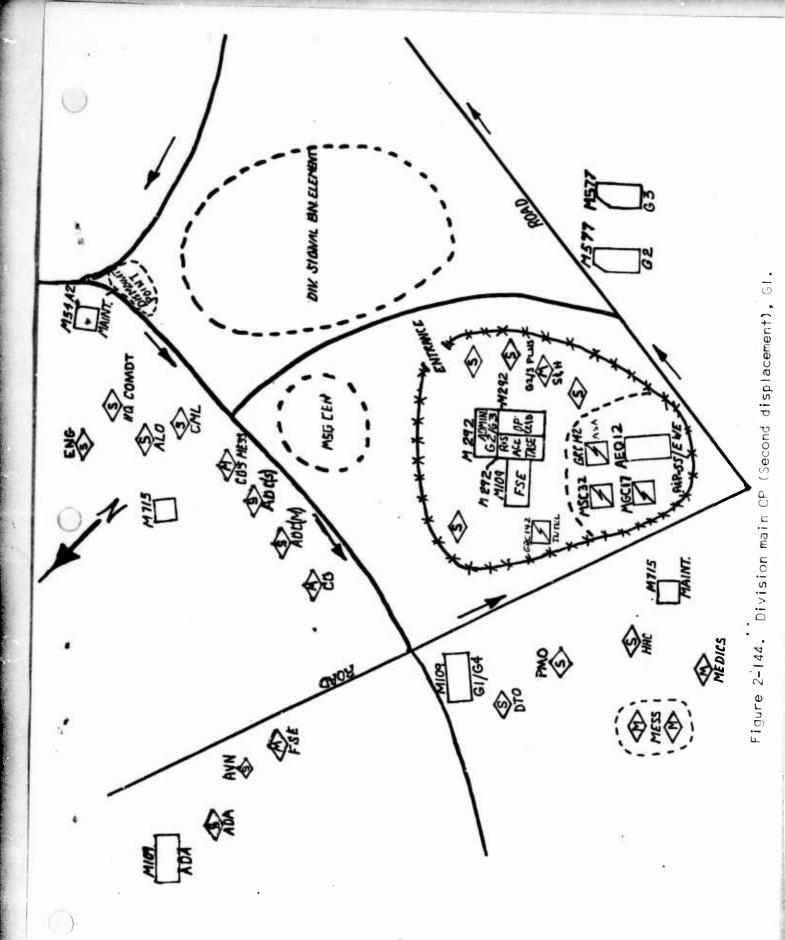
TRUCK CARGO	
(5 TON = M54A2)	
(2 1/2 TON = M35A1)	
(1 1/4 TON = 11715)	
(CAMMA GOAT = M561)	
TRAILER CARGO	
(3/4 TON = MIOIAI)	T
TRUCK UTILITY	
(1/4 TON = M151A1)	
TENT	
(S = SMALL)	\Diamond
(M = MEDIUM)	•
SIGNAL VAN	
GENERATOR	
#USED TO DESIGNATE	(G)
KW RATING	3
VAN	
(5 TON = M292)	
(2 1/2 TON = M109	<u></u>
TRACK (M577)	
•	

Figure 2-141. Legends for figures 2-142, 2-143 and 2-144.



94



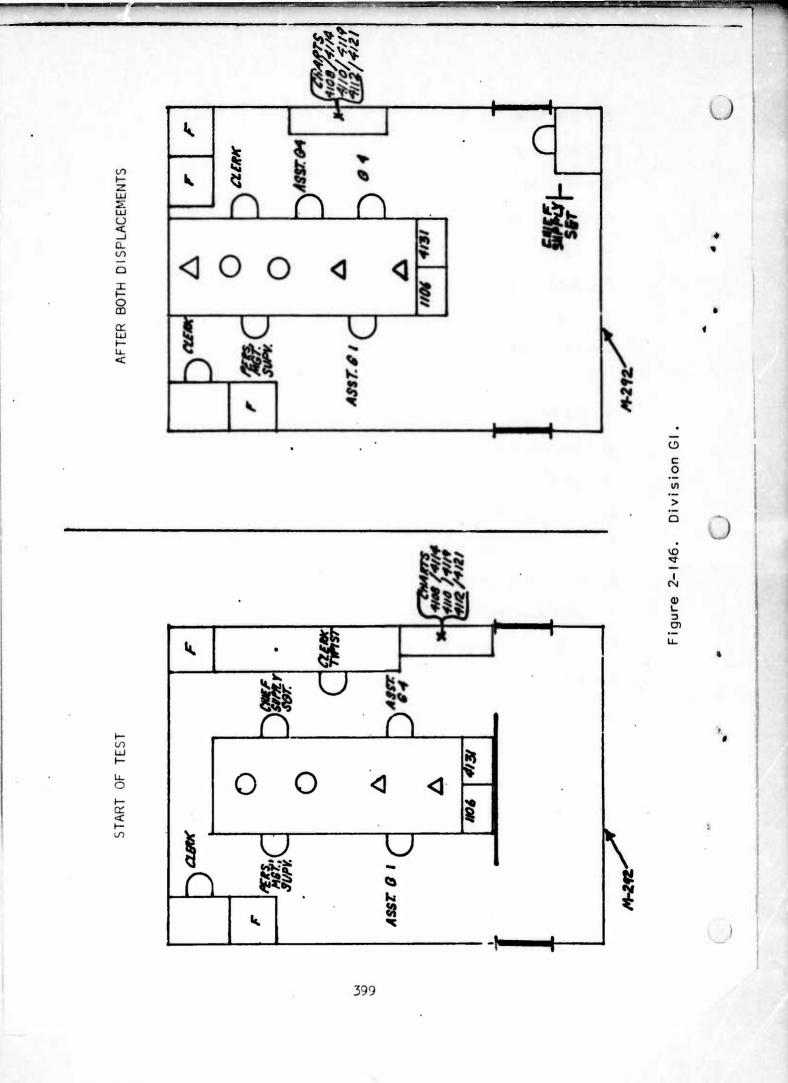


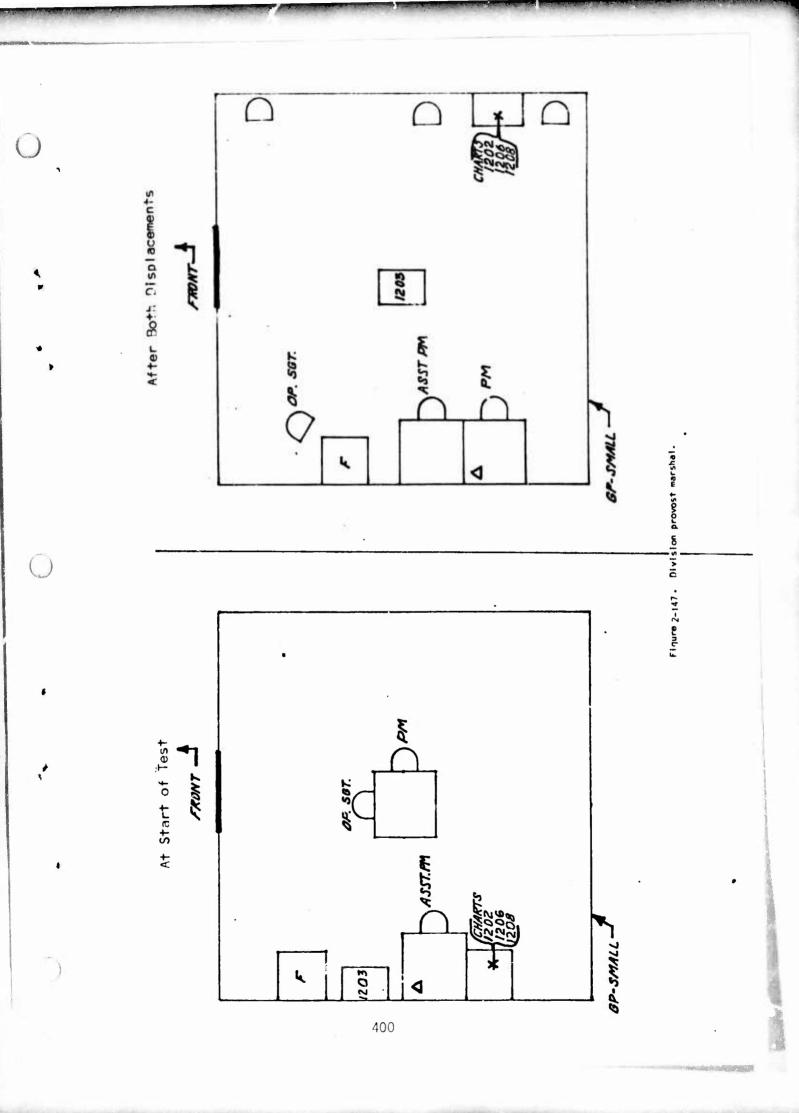
FIELD TABLE, DESK OR WORK BENCH	
FIELD TABLE DESK OR WORK BENCH WITH CHAIR	
FM RADIO: (1) VRC 46	R1
(2) VRC 47	R2
(3) PRC 77	R3
REMOTE	\Diamond
AM RADIO	
SOLE USER TELEPHONE NOT CONNECTED TO SWITCHBOARD	0
COMMON USER TELEPHONE	•
MAP	
	SEQUENCE #
FILE	F .
DOOR OR ENTRANCE	

Figure 2-145. Legend for figure 2-146 and 2-147.

- M Div Main
- D Div Arty
- B Brigade
- F Battalion
- C Corps
- A Alternate
- S Discom
- G Air Force
- 1. CG Net
- 2. Command Net
- 3. Intel Net
- 4. TOC Net (AM)
- 5. D. S. Arty Bn CF Net
- 6. D. S. Arty Bn FD Net
- 7. USAF Air Direction Net
- 8. USAF Air Request Net
- 9. A/L Net (RATT)
- 10. RATT (BICC at Div)
- 11. OPS Net (RATT)
- 12. Admin/Movement Control
- 13. Corps Command RATT
- 14. Div Arty CF 1 (RATT)
- 15. Div Arty CF 2 (RATT)
- 16. Admin Net
- 17. CF Net (Bn)

Figure 2-145 (cont). Legend for figure 2-146 and 2-147.





es	ā.	HD HR Wt pct	57
respons	.i €	9	4 W
Evaluator responses	Admin	IID LIR WT DCT	100
		<u>Q</u>	7
	HQ Comd+	pc+	001
	Ŷ	PDQ2 pct	4 100
	ā	pct	92
Player responses	DIV PM	PDQ2	- =
	c	pct	001
Play	Admin	PDQ2 pct	12
	ion	pct	100 12
	Division	PDQ2 pc1	4
	Possible response		Yes
	Ques		М

Figure 2-148. Il responses to questions under topic 6 - Organ Structure and Physical Relationships.

TOPIC 7 - SI COMMUNICATIONS (See figure 2-149 for response data).

- many calls did you make during this shift in each of the following categories: AM Voice, Telephone? (PDQ1 #5).
- Of the calls you made, how many had to be repeated (in total or in part) before message was understood? (PDQ1 #6). ~
- How many calls did you receive during this shift in each of the following categories: FM, AM Voice, Telephone? (PDQI #7). m
- part) before be repeated (in total or in Of the calls you <u>received</u>, how many had to the message was understood? (PDQ1 #8).
- How many messages did you write for transmission by common-user telephone or during this shift? (PDQI #9). S
- How many messages written or sent by your section for transmission by common-user teletype or RAIT did you have to correct or clarify during this shift? (PDQ1 #10). ø
- What is the total number of messages you <u>received</u> that had been transmitted by common-user teletype or RATT during this shift? (PDQ1 #11).
- Of the common-user teletype or RAIT messages received, how many times did you have to ask for a better copy or clarification of the message during this shift? PDQ1 #12) ω
- (PDQ1 #13). Did you have enough means of communications to do your job? σ
- Did you have any problems with the following means of communication: FM, AM Voice, Telephone RATT? (PDQ1 #14). 0

CPIC 7 - GI COMMUNICATIONS (cont)

- Was the organic means of communications for your section adequate? (PEQ #25, ID #28, IR #20, IID #31, IIR #15). =
- Was there a section/element at your level or another level, that your section/element should had communications (FM, TTY, Telephone, etc.) with, but did not? Identify those sections. (PEQ #28, ID #31, IR #23, IID #34, IIR #19). 12
- What effect did the communications failures have upon the element/section operational performance? (IID #35, IIR #20, ID #32, IR #24). (No date reported.) 13
- Did your element/section disseminate early warning messages? (PDQ2,#31, IID #38.1). 14
- Did your element/section receive early warning messages? (PDQ2 #32, IID #38.2) 15
- Did difficulties arise concerning the dissemination of early warning messages due to the presently prescribed procedures using the command communications nets? (PDQ2 #33, IID #38.3, IO #34). 9
- Was your section able to function adequately during periods of interrupted communications such as when jamming or other interference was experienced? (PEQ #29, ID #33, IID #36, IR #25, IIR #18). 1
- Were the communications systems not organic to your section which normally support your section adequate to meet all operational requirements? (PEQ #26, ID #29, IR #21, IID #32, IIR #16). 18
- Did your section experience any difficulties in obtaining additional communications support, either planning or operational, for subsystem/section requirements? (PEQ #27, ID #30, IR #22, IID #33, IR #17). 13

Player responses

+ pw	pct								ı												8				0
HQ Comd+	PDÓI								Ŋ												-				
P	pct	١.	i			ı	ı		ı			1		ı				ı		ı	00			43	57
DIV PM	PDQI	01	113			55	2		95			35		37				44		٣	14			9	ω
<u></u>	pct		ı			ı			1			ı		1				1			75	25			8
Admin	PDQI		282			7			170			_		9/				86			5	5			20
Possible response		F M	TEL	FM	AM	TEL	ΕM	AM	TEL	FΜ	AM	TEL	Write	RATT	Clarify	RATT	Received	RATT	Clarify	RATT	YES	<u>Q</u>	YES	2	Not used
Ques				2			٣			4			Ŋ		9		7		80		σ		<u>0</u>	(FM)	

Figure 2-149. Gl responses to questions under topic 7 - Communications.

Player response

+ Pm	pct			00		001				00
HQ Comd↑	PDQI			_		-				_
DIV PM	pct		7	93	29	7		4	64	21
. DIV	PDQI		_	13	4	0		2	6	~
<u>-</u>	pct			00	20	20		15	65	20
Admin	PDQ1			20	2	2		3	5	4
Possible response		YES	<u>8</u>	Not used	YES	S	Not used	YES	ON ON	Not used
ou		0	(AM)		0	(TEL)		01	(RATT)	

Figure 2-149 (cont). G1 responses to questions under topic 7 - Communications.

	HQ Comd+	ID IP N+ pot	4 100				4 100			4 - 100	100				- 50	4 50
Evaluator responses	MY VIO	IID IIR Wt pot	7 50	1 50		2			0%	7 50	4 1 54	3 46			1 50	7 50
	Admin	HD HR WT pct	6 43	1 1 57		752	6 43			7 1 100	5 61	2 39		7	1 50	6 43
ponses	Division Gl	ID IR WT pct	1 12	3 1 88	i	- 50	4 50			4 1 100	4 50	1 50			- 50	4 50
	HQ Comd+	PEO pct	001				000			100	00.				001	
	DIV PM	PEQ pot		3 100	1	33	2 67		3 100		3 100					
Glayer responses	Admin	PEQ pct	3 100			33	2 67			3 100	3 100				3 100	
	Division G1	PEC pct		001		207				00+		001		00		
	Possible response		Yes	0: 1	EXCess	/es		í'es	0	No jamming	Yes	02	Excess	′e s	0	Did not ask
	Ones				(7		·-			<u>-</u>			61		

Figure Figure 2-149 (cont). Gl responses to questions under topic 7 - Communications.

	HQ Comdt	IR Wt pct		75 25
	-	pct 1D	443 57 57 57	1000
sesuc	DIV PM	HD HR WT	w4 ww	1
Evaluator responses	Admin	W pct	29 29 71	001
Evalu	Adn	110 118	470 A70	7
	Division Gl	PDQ2 pct PDQ2 pct iD IR Wt pct iiD iIR Wt pct iID iIR Wt pct		4 100
	HQ Comd†	pc+	000	75
	£	PD02	4 4	m
S	Ž.	pc	88 8	83
Player responses	WH AHC		=- 2	2 0
yer re	<u>c</u>	PDQ2 pct	75	58
0	Admin	PDQ2	-67-67	7.5
	Division	pct	00	00
	Divisi	PDC2 pct	4 v	4
	Possible		Yes No Not known Yes No Not known Yes	No Not known
	Oues		4 5 6	

Figure 2-149 (cont). GI responses to questions under topic 7 - Communications.

GI EFFECT OF DISFLACEMENT (See figures 2-150 thru 2-152 for response data.) TOPIC 8

How many times did you call someone on the radio while displacing? (PDQ1 #16.1)

How many times did someone call you on the radio while you were displacing? (PDQl #16.2)

While your section was displacing, did you have any problems with the following means of communication: RATT/TTY, FM, AM telephone (VHF)? (PDQ1 #17)

What additional means of communication did you need to do your job while displacing? (PDQ1

d

Record the times when the following events occurred for your element/section: a. Started displacement procedures; b. Ready to move; c. Departed old location; d. Arrived at new location; e. Became operational (set up completed) at new location. (Each subdivision is further divided into: 1 - Advance party; 2 - First increment; 3 - Second increment.) (PDQ2 #7) S

When were you satisfied that effective operations could be maintained from the new location? (Entire section/element need not be closed on new location.) (PDQ2 #8)

Did you ever reach the point where effective operations could not be maintained during displacement from the old to the new location? (PDQ2 #9)

While displacing, what type of information were you unable to obtain on a timely basis? (PDQ2 #10) ∞

Indicate if due to an incorrectly stated requirement, a misinterpretation, or unusual tactical requirement. (PEQ #38, ID #43, IR #31, IID #46, IIR #30) Identify any departures from the OFM concerning displacement procedures made during the test. 6 ø

a Significant comments are summarized in element and/or section analysis.

- OI EFFECT OF DISPLACEMENT (See figures 2-150 thru 2-152 for response data.) 00 3

- identify and Considering the conditions experienced during displacement operations, identify personnel or equipment that should be added or deleted to your section to maints continuous 24-hour operations. (PEQ #41, ID #46, IR #34, IID #48, IIR #33).
 - Use this matrix to provide service ratings pertaining to communications while displacing. (ID #34b, Π \mathfrak{L} 38b). =

(e)	beanitroup of duors	-		7	I	1	-
(D)	1 astvob vilinous						
SE	beameirogxe primmed		Ī	T			1
140 0	Internerence or						
n. gr	Too much capability						=
900	Adequate capability						
2 2	Not enough capability						
Serv Crack	Notant Doogod					=	
5	Network not needed						
	ប់ទី៣ ដូច្នៃប្រើ					_	
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						발	띧
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					2	ጥ ፓ	5
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				1-		ا.	5
		2:	: 1			: 1	
					.1.		•

Using your experience with organizations similar to the one being tested, rate the overall effectiveness of the element/section organization in performing their assigned functions during displacement. (PDQ2, #11, PEQ #42, ID #45, IR #35, IID #49, IIK #34). 12

*Significant comments are summarized in element and/or section analysis

	HQ Comd†	Ç	
SôS	DIV PM	- CCd	33 53 16)
responsas	V I O	i Güd	o . 0
Player	Admin	PDO! pr+	5 - 5
	Possible response		Yes No Not used Tel FM AM RAT!
	Ques		(Tel)
	MA VIO	FDQ! pct	- - - - - - - - - - - - - - - - - - -
sesuods	10	FDQ!	- 9 -5 NN 04
Player res	Admin	+-0 100a	001 9 001 9
	Possible response		Calls made calls received Yes No Not used Yes No Not used Yes No Not used Yes No No No No No No No No No No No No No
	Ques		1 2 (RATT) 3 (FM) 3 (AM)

Figure 2-150. Of responses to questions under topic 8 - Effects of Displacement.

		ID IR WT													
sporses	*	ID HR W+										2			
Evaluator responses	£ 22	HD HR WT HD HR WT										001 1 6			
	Division	ID IR W+											001		
	HÇ Comat	PD02 PEQ Wt		30:					001		000				
nses	Me vid	002 PEO W#	17	(1)		2 25	12		: 50	700	T 99				
Player responses	Admin	PEQ WT	2 50	20 20	7.				3 50	(°	2 3 55				
	Division 51	PD02 PEQ Wt PDQ2	2 100						2 ,03		2 1 ,00				
	Fossible		×es	No	0 ₀	MITEL	Spt	9	problem	Very effective	Effective	Marginal	neffective	/er/ in-	effective
	ou		7		ω					71					

Pigura 2-150 (court). St responses to questions under topic to Effects o cissiscement

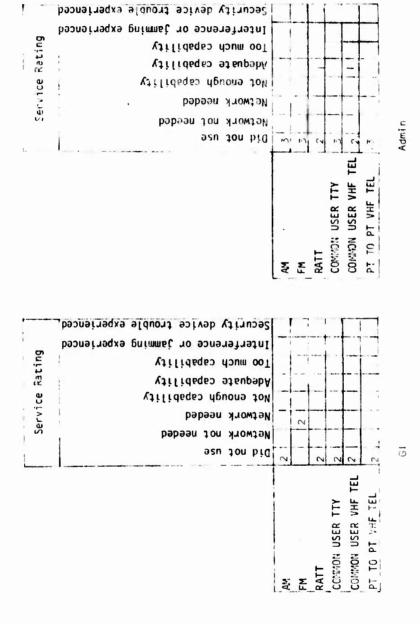


Figure 2-151. GI responses to question to 11 under topic 8 - Effects of Displacement.

Service Rating	Network needed Not enough capability Adequate capability Too much capability Interference or jamming experienced	
1	Did not use Network not needed	2 2 2 2 - 2
•		AM
Service Rating	Did not use Metwork not needed Metwork needed Mot enough capability Too much capability Interference or jamming experienced	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
		AM FM RATT COMMON USER TTV COMMON USER VHF TEL PT TO PT VHF TEL

Security device trouble experienced

Figure 2-151 (Sont). Gl responses to cuestion No 11 under topic 8 - Effects of Displacement.

c H	21.75	68.50	22.50	70.50			21.50	68.50	22.00	68.00	22.50	70.30	20.50	68.00	19.25	69.90
~ H	22.23															70.16
- i	32.00	5 4 . A 3	22.50	70.50			22.00	68.50	22.00	68.00	22.50	70.90	60.15	68.0)		69.93
	21.16															44.30
r. 1	27.00	11.11	23.50	13.00			20.53	67.00	20.00	69.00	20.00	67.03	20.00	67.00	20.10	٠٢٠١٠
1 1,24	13.74	1 6. 3 E							19.00	64.57					1.5	\$
F 3	23.63															17.50
7 2 44 444	15.33	06.00	19.50	66.50			19.75	66.33	19.50	67.50	19.50	66.50	10.57	64.15	13.50	64.53
1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	(5°a]	CC • 30							14.53	66.00					19.57	60.14
- I	70.32															A . A .
	13.14	65.16	15.50	66.00			14.83	96.00	13.00	99.00	18.50	66.00	19.25	66.00	13.60	45.76
1 Y	19.75	65.69							14.00	65.50					17.17	F
r 1 - I	13.66															52.50
4 1 4 1 1	19.50	65.50	14.00	45.00			19.30	65.00	15.50	65.00	17.50	65.C3	19.50	65.00	17.00	04.50
77.8 HH. 44	17.66	66.54							16.50	05.40					16.54	63.76
L N S J d	07101	07101	1114	11182	48112 48112	M8112	M9113	116W	V8121	MR121	M8122	#8122 #8122	M9123	49123	4 4 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1	46141
7611104×	# DIv GI	• •	NIWGW 19 AIG +				• •			41	4		• •		# DIV HG CTMD1	

Figure 2-152. GI responses to question No 5 and 6 under Topic θ - Effects of Displacement.

TFST 119 *BU15F 2*

- EFFECTS OF DESTRUCTION (Section was destroyed; no data availables) / 60101

GI EFFECTS OF TAC UP DEPLOYMENT (See figures 2-153 and 154 for response data).

- During the test my section was affected because of the establishment of a Div TAC CP. (PEQ #46, IR #39, IID #50, IIR #38).
- My section/element changed functions or procedures when the TAC CP was established. ~

Possible Responses: (No data provided).

- An F/P was cransferred from my element to the TAC CP.
- An F/P was transferred from my element to an element other than the TAC CP.
- F/P was deleted from my element and no other element acquired it.
- My element acquired an F/P from another element.
- Ny element acquired a new F/P.
- . No change in F/P required of my element.
- My section had changes (transferred, added, or deleted) to functions or procedures when the TAC CP was established. (PEQ #49, ID #48, IR #41, IID #51.1, IR #40).
- Providing personnel or equipment support to TAC CP caused a serious degradation to my element capability. (PEQ #48).
- While the TAC CP was deployed, which personnel from your element were with the TAC CP and what was their function(s) at TAC? (PEQ #50). ψ,
- What personnel changes to the above manning should be made for the TAC CP? (PEQ #51, ID #51a, IR #42a, IID #52a, IIR #41a). 9
- What equipment did your element provide for the TAC CP? (PEQ #52) 1
- (PEQ #53, ID #51b, What changes to the above equipment should be made for the TAC CP? IR #42b, IID #52b, IIR #41b). ထူ

*Significant comments are summarized in element and/or section analysis.

TOPIC 10 - GI EFFECTS OF TAC OF DEPLOYMENT (cont)

this matrix to provide a communications service rating those periods when the TAC CP was deployed. (ID #34a IID #38a). Use δ

Service Rating (Check one or more)	=======================================					
	AM	Nu.	RATT	COMMON USER TTY	0	PT TO PT VAF TEL

Reproduced from best available copy.

	HQ Comd†	PEQ pct PEQ pct ID IR Wt pct IID IIR Wt pct IID IIR Wt act ID IR Wt act		-			
		100		100	86.	0 ~	
o.	Ma via	113 W		~	_		
respons		13		9 001	86	2	
Evaluator responses	Admin	3 Wt po		_	w	-	
Eval	A	9		2	5	7	
	uo	t pc+		001			
	Division Gl	ID IR W		-			
	HQ Comdt	pct		001	001		100
	완	PEO			_		_
S	M	pc+		001	001		00
Player responses	Div PM	PEQ		٣	М		Μ
ayer r	c	PEÇ pc†		00	301		001
ā	Admin	PE		М	2		Μ
	Division 61	pci		001	001		00
	ivid 9	PEÇ		_			_
	Possible		Yes	Yes	No TAC CP not	Ye.	0
	Ques		_	к,		vi	

Figure 2–153. GI responses to questions under topic 10 - Effects of TAC CP Deployment.

					USER TTY	USER VHF TEL	TO THE TEL
	esu don bid	ı,	di	-	M	2	•
Ser	Network not needed	-	- 1				7
v i c	Network needed	-		- 1		\exists	_
e e	Not enough capability		7			7	
Service Rating	Adequate capability Viilidenes auuen coli	+	+	V	641	m	-
6	Too much capability Interference or jamming experienced		-			+	_
	Security device trouble experienced	-	-	-+	+	-	-

Service Rating	Network not needed Network needed Not enough capability Adequate capability Too much capability Interference or jamming experienced		3	3	3	5	
01	or not use	(3)					M
	.l	M	2	BATT	COMMON USER TTY	USER	PT TO PT VHF TEL

0

Figure 2-154. G1 responses to question No 9 under topic 10 - Effects of TAC CP Seployment.

G

7.214

			E.		COMMON USER TTY	COMMON USER VHF TEL	PT TO PT VHF TEL
Ser	Network not needed	E4 2	(c)	3	3 2	3 2	3 2
Service Rating	Network needed Not enough capability Adequate capability Too much capability Interference or jamming experienced Security device trouble experienced						

Service Rating

COMMON USER TTY

TOO MUCh capability

Too much capability

Too much capability

Adequate capability

Too much capability

Too much capability

Too much capability

Too much capability

Too much capability

Too much capability

Too much capability

Too much capability

Too much capability

Too much capability

Too much capability

Too much capability

Too much capability

P

Figure 2-154 (cont). Gl responses to question No 9 under topic 10 - Effects of CP Deployment.

61 EFFECT OF THE ALT CP (See figure 2-155 for response data). TOPIC 11

- While control of the division is managed at the Div Alt CP, did the your element at Div Main CP updated? (PEQ #62, ID #55, IID #56).
- When you needed information during this shift from the division alternate rate its responsiveness (PDQ2 #28).
- of the When you received data from the Div Alt CP, rate its accuracy most PDQ2 #29.
- How often during this shift did division alternate CP ask your section for information or reports; (PDQ2 #30).
- While control of the division is managed at the Div Ait (P, was your element a Div Main CP still having to provide information to the Div Ait CP? PEG (S), ID #54, IID #55). 1.0

		HQ Comd+		ID IR Wt pct	1 33	2 67	
		Div PM	4	IN WT DCT		001	C
0		,io	2	2		2	~
Evaluator responses		Admin	+M 01	7		100	00
ú			G			M	M
		Division G1	PEQ pct PEQ pct 10 IR Wt pct 110 11R Wt pct 110 11B Wt				
		HQ Comdt	pct			001	00
		오	PEO			-	
Se		Ā	pct				
Player responses		Div PM	PEQ				
ayer r		<u>-</u>	pct		6	00	00
ď		Admin	PEQ pct		ď	7	2 100
	200		pct	001		9	3
	Division	19	PEQ pct	-		-	-
	Possible	response		Adequately	Seldom	Frequently	Never
	ones	2		-		Ŋ	

Figure 2-155. Gt responses to questions under topic II - Effect of the AI+ CP.

Player responses

+pux	pct		001		000
HQ Comd+	PDQ2		4		4 4
Æ	pct	ω	92		000
Div Pm	PDQ2 pct	-	Ξ		2 2
<u>.</u>	pct	8	8	17	83 25 25 25
Admin	PDQ2 pct	- 2	– ∞	2	0000
ion	pct	25	75		00 01
Division Gl	PDQ2	-	М		4 4
Possible response		Fast Adequate	Siow Often couldn't Didn't ask	Very accurate Accurate Inaccurate	very Inaccurate Didn't receive Never Seldom Frequently
Ques		2		M	4

Figure 2-155 (cont). GI responses to questions under topic II - Effect of the Alt CP.

TOPIC 12 - GI EFFECT OF SHIFTING CONTROL (See figure 2-156 for response data).

- When control of the division was returned from the TAC CP to the Div Main CP, did you experience any difficulties? (PEQ #47).
- When a control of the division was returned from Div ALT CP to Div Main CP, did your section experience any difficulties? (PEQ #63, ID #56, IID #57). (Answered by Main CP only). ~
- When control of the division was transferred from Div TAC CP to Div ALT CP, did your element experience any difficulties? (PEQ #72, ID #63, IID #64) (No data provided). ო

	HQ Comd†	ID IR WT pct		3 100
Evaluator responses	Md >10	ID IIR WT pct		9
	Admin	PEQ pct PEQ pct ID IR Wt pct IID IIR Wt pct IID IIR Wt pct ID IR Wt pct		7 100
	Division G1	ID IR WT pct I		
	HQ Comd+	pct	001	00
	오	PEQ	-	-
ά	M.	pct	8	
sponse	Div PM	PEQ	الم	
Player responses	Admin	PEQ pct	3 100	2 100
	ion	pct		00
	Division Gl	PEQ	-	-
	Possible response		Yes No Inaccurate	Other No
	Ques		- 2	

Figure 2–156. GI responses to questions under topic 12 – Effect of Shifting Control.

GI SCENARIO, CONTROL, AND TRAINING (See figure 2-157 for response data)

- When you came on shift, did the person you were relieving brief you on what had happened while you were not on shift? (PDQ1 #3). ø
- When you came on shift, did the person you were relieving brief you on what to expect during shift? (PDQ1 #3). 9
- In your opinion, were there unrealistic constraints placed upon your section by the problem play or the control organization? (PEQ #1,ID #2, IR #2, IID #7, IIR #1). **2**a
- Could the above constraints effect the data gathered in any way? (PEQ #1, ID #2, IR #2, IID #7, IIR #1). **2**b
- Did any control or scenario related problems become apparent besides the constraints mentioned above? (PEQ #2, ID #3, IR #3, IID #8, IIR #2).
- Was the performance of your element adversely affected during the test by the qualifications element personnel regarding RANK, MOS, or EXPERIENCE? (PEQ #3).
- Are there areas where additional training is required for the personnel assigned to your section/ element? (PEQ #4, ID #4, IR #4, IID #6, IIR #3).
- Was your counterpart required to give an excessive amount of guidance/advice during this shift? (ID #13.1, IID #21). **6**a
- If yes, what was the reason for the excessive guidance/advice? (ID #13.1, IID #21) (No data provided). 9
- Unusual scenario activities (frequency or type).
- Staff organization (coordination problems).
- Experienced staffers, but first time working together.
- 4 Inexperienced staff members.
- 5 Other

Player responses

Comdt	pct	001		001	
Š Š	PDÓI	_			
PM	pct	00_		<u>0</u>	
) \ O	PDQ1 pct	14		14	
c	bct	75	25	75	25
Adain	PDQI	15	5	91	4
Possible		Yes	No	Yes	8
Ques		<u>a</u>		9	

Figure 2-157. Gl responses to question under topic 13 - Scenario, Control, and Training.

	.	t		8	00	00)				ď	ייט		0		0
	HQ Comdt	ID IR WT DCT		2	2	2					~	35		00		00
	오	10		4	4	4					2	- 2		4		4
		IID IIR WT pct	7	93	200	00					20	20		00		00
Ŋ	Div PM	<u> </u>			_	-					_					
oonse	<u></u>	9	-	9	7	7						۲.		7		7
Evaluator responses	c	WT pct		8	100	00						001		001		<u>8</u>
al ua	Admin	<u>~</u>			-	-						_				
ú		0 1		7	7	7						7		7		7
	ion	ID IR WT pct 110 IIR WT pct		00	001	00					62	38		00	ļ	8
	Division GI	N R		4	-	4					_					
					0						_	- 1		4	•	4
	HQ Comd+	pct	3	3	001	00	00		00	100		8				
		PEO	-	-		-	-			-	•	-				
Se	FR	pct	001	00	0	3 3	3		8 6	2	00					
Player responses	Div FM	PEQ	m	M	×	1 M	1	,	n -		M					
ayer r	. <u>.</u>	pc+	33		33	67	001		00	00						
ā.	Admin	ÞEÓ	(1	m -	2	M	۲	^	2	۲)				
	sion	pct	00		00	000)	001	001		0	2				
	Division GI	PEQ			-			_	-		_					
	Possible response		Yes	ves.	√es Yes	Yes	No	res	, es	No.	0	Yes	No	Yes	No.	
	Ones		2a	25	M	.1	(RK)	(MOS)	4	(Exp)	`	69		7a		

Figure 2-157 (cont). Gl responses to questions under topic 13 - Scenario, Control, and Training.

- GI INFORMATION FLOW (See figures 2-158 and 2-159 for response data). 14 10PIC

you and the division command group, other members of the staff or other levels of command. Place an F or S in the appropriate block to indicate how often you were involved in one of the listed activities. (F = frequently - 5 or more times; S = seldom - l-4 times; leave blank if "never" is appropriate). For definitions of "orders", "guidance", and "direction", see below: (PEQ #34). The purpose of this question is to highlight the functional relationships between

execution and is normally issued from commander to subordinate commander. Formal examples are written OPORD, FRAGO, admin/log order, and warning order; informal examples are the everyday oral versions of the same items An order may be oral or written and states the mission and concept for Order:

dinate latitude to select the means within the guidelines to accomplish the subor-Guidance: Guidance provides broad and general guidelines for accomplishing tasks or missions. Guidance is not as strict as direction and allows the subortask or mission.

Direction: Instructions which lay out in detail the tasks to be accomplished. Direction is very structured and is not as flexible as guidance. Dire also implies supervision.

- Did difficulties arise from the relationships shown in the matrix for question l, such as unnecessary duplications of effort (functions and procedures)? (PEQ #35) ~
- 5 Unsatisfactory Rate the following factors as they pertain to the mission performance of your element/section as: I Excellent; 2 Good; 3 Fair; 4 Poor; 5 Unsatisfac (IR #6, IIR #7).
- . Coordination within own headquarters
- b. Coordination with other headquarters
- c. Guidance given to the section/element
- d. Supervision of the section/element.

GI INFORMATION FLOW (CONT) 13PIC 14

- Rate each of the following characteristics concerning information provided to your element as: 1 Excellent; 2 Good; 3 Fair; 4 Poor; 5 Unsatisfactory. (Enter a rating number in each box). (PDQ2 #4, PEQ #12, IR #5, IIR #6).
 - Adequacy
- Relevancy ۵.
- Timeliness . ن
- Accuracy . Ф
- Did you experience difficulty in obtaining information from the other elements the staff structure tested? (PEQ #13, ID #6, IR #8, IID #14, IIR #8). S
- With respect to the information provided to you as an evaluater were there any times when your counterpart: (ID #5, IID #13). 9
 - a. Was not presented critically important tactical information available to this
 - to recognize critically important tactical information brought to his Failed
 - Failed to request critically important tactical information?
- Requested but was unable to obtain critically important tactical information?

most of the necessary preparations to meet operational requirements? (ID #7, IR #9, Did your counterpart receive guidance, plans, and orders in sufficient time to

TOPIC 14 - GI INFORMATION FLOW (cont)

- Did your counterpart give guidance and orders in sufficient time for his section/element to make most of the necessary preparations to meet the operational requirements? (ID #8, IR #10, IID #16, IIR #10). œ
- Did your section/element <u>send forward</u> their requests in time (per SOP) for the higher headquarters to meet the requests? (ID #10, IR #11, <u>TID #17</u>, IIR #11).
- Did your section/element <u>receive</u> requests from other elements in time (per SOP) for your section/element to meet the requests? (ID #9, IR #12, IID #18, IIR #12). 2
- Was the intelligence support provided to your element adequate? (PEQ #14, IR #15, IIR #13)
- Was the intelligence support any better or worse than you have experienced under the traditional divisional G2/S2 organization? (PEQ #15, IR #16, IIR #14). 12
- Was your subsystem/section able to keep the commander adequately informed during his absence from the CP. (ID #11a, IR #13). 13a
- What type of information was missing if answered No? (ID #11b, IR #13). 139

			Elements												
Action taken	(31	F	M	Ad	min	HQ C	omdt							
	No	Pct	No	Pct	No	Pct	No	Pct							
Orders, direction, and guidance provided to															
GI PM AG HQ Comd†	9 12 18	6.1 8.2 12.2	6	4.1	3 6 6	2.0 4.1 4.1	6 18	4.1 12.2							
DTO DISCOM SI DIV Arty SI Bde SI TOTAL	3 42	2.0	12 18	8.2 12.3	18 18 12 63	12.2 12.2 8.2 42.8	24	16.3							
Orders, direction, and guidance received from				î		9)									
Comd Gp GI PM G2	15	8.8	54 18	31.6 10.5	12 36 6	7.0 21.1 3.5	18 6	10.5 3.5							
G3 TOTAL	15	8.8	72	42.1	6 60	3.5 35.1	24	14.0							
Information and recommendations provided to															
Comd Gp GI PM AG HQ Comd† G3 C-E Off	18 9 9 6 6	9.2 4.6 4.6 3.1 3.1			12 6 12	6.2 3.1 6.2	6	3.1							
G4 DTO G5	6	3.1 1.5	12 18	6.2 9.2	18	9.2									
DISCOM SI Div Arty SI Bde SI	3 3 3 3	1.5 1.5 1.5			18 18	9.2 9.2 9.2									
Bn SI TOTAL	75	1.5 38.3	30	15.4	84	43.1	6	3.1							

Figure 2-158. GI functional relationships.

		•	El e ments												
Action taken		SI	F	PM	Ad	min	HQ C	omd†							
	No	Pct	No	Pct	No	Pct	No	Pct							
Information and recommendations received from															
Comd Gp	9	3.8	18	7.5	6 18	2.5 7.5	12	5 0							
GI		2 5	10	7.5	10	7.5	12	5.0							
PM AC	6	2.5			6	2.5									
AG HO Comd*	6	2.5	12	5.0	0	2.5									
HQ Comd† G2	0	2.5	12	ا.ن	7	1.3									
· G3	9	3.8			3 3	1.3									
C-E Off	6	2.5				'''									
G4	6	2.5	18	7.5		İ	1								
DTO			12	5.0											
DISCOM SI	6	2.5			18	7.5									
Div Arty SI	6	2.5			18	7.5									
Bde Comd Gp					6	2.5									
Bde SI	6	2.5	1		18	7.5									
Bn Sl	6	2.5													
TOTAL	72	30.1	60	25.0	96	40.1	12	5.0							

Figure 2-158 (cont). GI functional relationships.

	±,	r pct		00				00				1	00					00					00	
	HQ Comdt	ID IR Wt pot						-					_					_					- 4	
				00					00						001			00				64	36	
onses	Di > PM	IID IIR Wt pct		-										,	_			_				2	5	i
or resp		t pct		001				001				8					00					4	98	
Evaluator responses	Admin	IID IIR Wt pct		_				-				_					_					2	-	() () () () () () () () () ()
				00				00				00							00				8	
	Division	ID IR Wt pct		_				_				_							_				- 4	- Care -
	+pu	pct	001																				8	0
	HQ Comdt	PEQ	_																				-	(
10		pct	001																			49	33	4
sponse	Div PM	PEQ	~																			2	_	
Player responses	Admin	PEQ pct	3 100																				3 100	7 150
	0	pct	001																			00		
	Division Gl	PEQ	-																			1-		
	Possible response		Yes	Excellent Good	rair	Voor	Excellent	Good	Fair	Poor	Unsat	Excellent	Good	Fair	Poor	Unsat	Excellent	Good	Fair	Poor	Unsat	Yes	No	N/A
	Ones		0	3a			35					3c					3d					5		

Figure 2-159. GI responses to questions under topic 14 - Information Flow.